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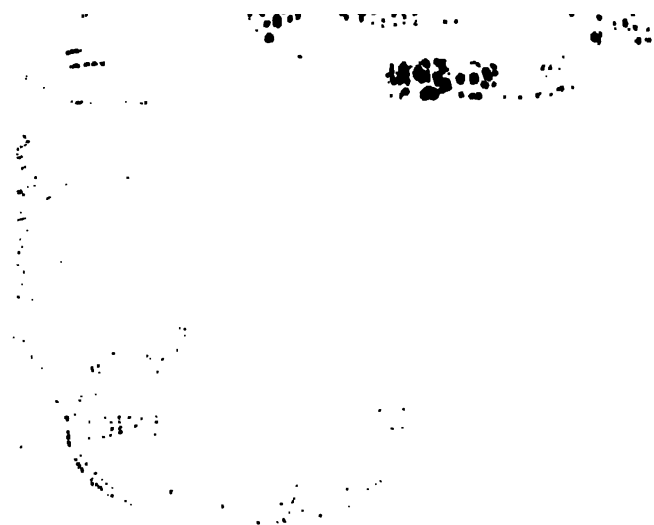


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ELEVENTH

ANNUAL REPORT

BUREAU OF  
 MUNICIPAL STATISTICS  
 NEW YORK.

OF THE

DEPARTMENT OF DOCKS,

FOR THE YEAR ENDING APRIL 30th, 1881.

NEW YORK :

EVENING POST JOB PRINTING OFFICE, COR. BROADWAY AND FULTON ST.  
 (Law Telephone No. 541.)

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# REPORT.



DEPARTMENT OF DOCKS,  
NOS. 117 AND 119 DUANE STREET, }  
• NEW YORK, JUNE 30TH, 1881. }

To the Honorable WILLIAM R. GRACE,

*Mayor of the City of New York :*

SIR,—Pursuant to the provisions of subdivision 9 of Section 6, of Chapter 574, Laws of 1871, the Board of Commissioners governing the Department of Docks submits this Report of its transactions from the 1st day of May, 1880, to the 30th day of April, 1881, being its Eleventh Annual Report.

The following-named Commissioners composed the Board on the 30th day of April, 1881 :

HENRY F. DIMOCK,  
JACOB VANDERPOEL,  
WILLIAM LAIMBEER.



The law provides that the Annual Report shall contain :

*First.*—The name, occupation and compensation of all persons appointed and employed by said Board :

*Second.*—A statement of the action of the Board for the past year, classified with reference to the various subjects and duties which have engaged the attention of the Board.

*Third.*—A list of the orders and rules made by said Board, and a description of the contracts made by said Board ; the payments made by said Board, and the purposes and amounts thereof ; and the leases made by said Board, for what term, at what rent, to whom, and for what property.

**FIRST.**

The following is a list of all persons appointed and employed by the Board, showing the name, occupation and compensation of each, respectively:

NAME.	OCCUPATION.	COMPENSATION.
Eugene T. Lynch .....	Secretary.....	\$3,500 00 p. annum.
William M. Whitney ...	Chief Clerk.....	3,000 00 "
Edward Dickel.....	Clerk to Secretary....	100 00 p. month.
George T. May.....	Temporary Clerk.....	125 00 "
Francis E. Moon.....	".....	125 00 "
Edward G. Ames.....	Clerk.....	65 00 "
John M. Smith .....	Corporation Wharfinger.	100 00 "
James Fitzpatrick.....	".....	100 00 "
William McConkey.....	".....	100 00 "
John Butler .....	".....	100 00 "
Michael J. Gallagher....	Temporary Wharfinger..	2 50 p. day.
Jeremiah Hogan.....	".....	2 50 "
Thomas Early.....	Messenger.....	750 00 p. annum.
George S. Hunt.....	".....	6 00 p. week.
Frederick W. Beatty....	Office Messenger.....	65 00 p. month.
Amzi Cook.....	Doorman.....	12 00 p. week.
James W. Marshall.....	Night Watchman.....	2 25 p. day.
Michael Falvey.....	Sunday Watchman.....	2 60 "
<b>OFFICE OF ENGINEER-IN-CHIEF.</b>		
George S. Greene, Jr....	Engineer-in-Chief.....	\$6,000 00 p. annum.
Willard A. Nichols.....	First Assistant Engineer.	3,600 00 "
James Dana, Jr.....	Clerk to Eng-in-Chief...	18 00 p. week.
Robert M. Kid.....	Assistant Draughtsman.	21 00 "
William Livingstone....	".....	18 00 "
Edward C. Reynolds....	Temporary Draughtsm'n	18 00 "
Perry Goodale.....	Acting Messenger.....	20 p. hour.
<b>CONSTRUCTION FORCE.</b>		
William W. Maclay.....	Supt. of Section.....	\$2,500 00 p. annum.
Charlton B. Kid.....	".....	2,500 00 "
Thomas J. Long.....	Asst. to Superintendent.	1,800 00 "
John H. Staats.....	".....	1,500 00 "
Thomas Murphy.....	Master Mason.....	1,800 00 "
Patrick White.....	Foreman of Dockbuilders	1,000 00 "
Charles W. Raymond....	Assistant Surveyor.....	1,500 00 "
William A. Dawson....	Leveler.....	75 00 p. month
Robert M. Sterritt.....	Foreman of Dept. Yards.	1,000 00 p. annum
Frederick Lange.....	Acting Roundsman.....	100 00 p. month

During the year the following-mentioned reductions of salary, resignations, increases of pay, new appointments and changes of designation, have taken place :

June 9th, 1880.—Thomas J. Long, appointed an Assistant Engineer, with pay at the rate of \$1,500 per annum, from 1st instant.

June 9th, 1880.—John H. Staats, appointed an Assistant Engineer, with pay at the rate of \$1,300 per annum, from 1st instant.

June 9th, 1880.—Charles W. Raymond, appointed an Assistant Surveyor, with pay at the rate of \$1,200 per annum, from 1st instant.

June 9th, 1880.—Pay of Moses S. Barrett, Surveyor, fixed at the rate of \$1,800 per annum, from 1st instant.

June 9th, 1880.—Edward C. Reynolds, appointed a Temporary Draughtsman, with pay at the rate of \$18 per week, from 11th instant.

June 16th, 1880.—Charles F. Carpenter, appointed Temporary Leveler, with pay at the rate of \$75 per month, from 21st instant.

September 29th, 1880.—Francis E. Moon, appointed Temporary Clerk, with pay at the rate of \$125 per month, from 25th instant.

November 5th, 1880.—Pay of Thomas J. Long, Assistant Engineer, fixed at \$1,800 per annum, from 1st instant.

November 5th, 1880.—Pay of John H. Staats, As-

Assistant Engineer, fixed at \$1,500 per annum, from 1st instant.

November 5th, 1880.—Pay of Charles W. Raymond, Assistant Surveyor, fixed at \$1,500 per annum, from 1st instant.

December 29th, 1880.—Rates of compensation fixed as follows for the designated employes, from January 1st, 1881:

Clerk to the Secretary, at.....	\$100 p. month.
Superintendents of Docks, at.....	100 p. month.
Superintendent of Masonry, at.....	1,800 p. annum.
Superintendent of Construction, at.	1,800 p. annum.
Foreman of Dockbuilders, at.....	1,000 p. annum.
Foreman of Department Yards, at..	1,000 p. annum;
and that his hours of duty be from 7 A. M. to 6	

P. M.

January 3d, 1881.—Michael Falvey, detailed as Sunday Watchman, from and after 1st inst., in place of Daniel Connolly.

January 12th, 1881.—Designations of the following-styled officers and employes, changed, to be as follows:

Superintendents of Docks, to be Corporation Wharfingers.

Two Assistant Engineers, to be Superintendents of Section.

Two Assistant Engineers, to be Assistants to Superintendent.

Superintendent of Masonry, to be Master Mason.

Superintendent of Construction, to be Master Dock-builder.

February 2d, 1881.—David T. Keiller, Draughtsman, suspended from duty. Resignation accepted, March 30th, 1881.

February 19th, 1881.—Perry Goodale, detailed by Engineer-in-Chief as Messenger, in place of Frederick Lange, detailed as Acting Roundsman.

March 30th, 1881.—James Guthrie, Master Dockbuilder, resigned.

April 20th, 1881.—Michael J. Gallagher and Jeremiah Hogan, appointed Temporary Assistants to Corporation Wharfinger, District No. 2, E. R., with pay at \$2.50 per day, each.

April 27th, 1881.—Charles F. Carpenter, Leveler, resigned.

April 27th, 1881.—Matthew J. Brennan, Assistant Draughtsman, resignation accepted, to take effect 30th instant.

April 27th, 1881.—William A. Dawson, appointed Leveler, with pay at \$75 per month, from 1st proximo.

And within the year the following-mentioned deaths have occurred :

On December 4th, 1880, Moses S. Barrett, Surveyor.

On January 16th, 1881, James O'Brien, Roundsman.

## SECOND.

The Board submits the following statement of the subjects and duties which have engaged its attention during the year ending April 30th, 1881.

### I.—Organization.

May 5th, 1880.—The first meeting of the Board for the current year was this day held, but the vacancy created by the death of President Westervelt still remaining unfilled, no new organization was made; the Treasurer and Standing Committees holding over in their offices, by virtue of their election and appointments thereto respectively, on May 3d, 1878.

December 15th, 1880.—William Laimbeer, appointed 11th instant by his Honor, Mayor Cooper, to be Commissioner of Docks, for the term of six years, in place of Jacob A. Westervelt, deceased, whose term of office has expired, presented his certificate of appointment, and after stating that he had taken the oath of office prescribed by law, took his seat as a member of the Board.

### II.—General Duties.

The duties of this Department comprise—

The management, as of property, of the many miles of water-front and piers owned by the City, an estate worth many millions of dollars,

The general supervision over all the piers and water-front not owned by the City, being more than one-half of the whole of its water-front.

The duty of seeing that the whole water-front property, both public and private, is kept properly dredged and in suitable condition and repair for general use.

The making of rules and regulations as to the use of all the water-front, and the setting aside of parts of it for special uses.

The duty of passing upon all erections, structures and superstructures, and upon every proposed modification or increase of terminal facility on the water-front.

The duty of carrying out the re-construction, on the new plan, of the whole water-front property.

And, generally, the obligation to watch over and promote the commercial growth of the City, by introducing, from time to time, every practicable improvement into its wharf and dock system.

### **III.—Operations on the Water-front.**

For a detailed account of the works of construction, repair, dredging, surveying, etc., we refer to the Report of the Engineer-in-Chief, hereto annexed.

### **IV.—Revenues, Expenses, etc.**

The expenses of the Department during the past year are, for construction and repairs, \$610,442.13, and for

general expenses, \$30,039.44, making a total of \$640,481.57.

The first-mentioned expenses include the cost of building the new piers and bulkhead wall, the maintenance and repair of the old piers and bulkheads, all the dredging done, and the salaries of the Commissioners and of the Engineer-in-Chief and his subordinates.

The general expenses consist of offices rent, compensation of secretary and his subordinates, and general supplies for the Commissioners' offices.

The total revenues of the Department, which have accrued during the year, have amounted to \$864,228.75.

This is a clear increase of accrued revenue, over that of the preceding year, of \$55,013.34.

The revenues of the year have exceeded the entire expenditures, for every purpose during the year, by the sum of \$223,747.18.

The moneys actually deposited by this Department with the City Chamberlain for the redemption of the City debt during the past year amount to \$906,248.33.

Thus, the actual reduction made in the City debt during the past year resulting from this Department, has been \$265,766.76; the excess of the moneys deposited over the moneys of the Dock Fund expended, being justly an extinguishment of so much of the Dock Bond debt of previous years; these bonds being now held, in great part, by the Commissioners of the Sinking Fund, with the interest inuring directly to the City.



The revenues of the Department will now largely increase from year to year, as the new piers on the improved plan become available for lease, and every year's expenditure adds largely to the revenues of the future. Much work in the territory above 24th street has been done during the year, and in a short time the commercial facilities of the City will be very greatly extended in this section.

The work of the past year will be very largely felt in the increase of revenue in the coming year.

That portion of this revenue collected by this Department is likely to nearly or quite reach a million of dollars for the next year, notwithstanding the fact that by a recent act of the Legislature the rents of the City wharf property used by the ferries are now collected by the Comptroller, instead of by this Department, as formerly. But for this change of law the revenues thus collected by the Dock Department during the ensuing year would largely exceed one million dollars, which is a rate of increase much greater than has ever been predicted in our reports.

As in previous years, a very full statement of the revenues and disbursements of the Department accompanies this report.

From the fact that our fiscal year ends April 30th, and the quarter day for payment of rent is May 1st, the report shows now, as in preceding years, as uncollected, the rents of the last expired quarter under leases not payable in advance.

**THIRD.**

In compliance with the third provision of the law, as previously cited, the following information is submitted :

**I.—Orders and Rules made by the Board.**

May 12th, 1880.—Resolution adopted—That upon the name of any dock-builder, laborer, watchman or other employe on the construction force of the Department, being off the pay-rolls for a period of six months, such employe shall not thereafter be assigned to duty in any capacity without the direction of this Board.

June 16th, 1880.—Resolution adopted—That the Engineer-in-Chief, upon the order of any of the Commissioners of Docks, make all needful repairs to wharf structures belonging to the corporation, not leased, which may be deemed necessary, at a cost not to exceed, in any one case, the sum of \$100.

February 23d, 1881.—Resolution adopted—That the lessees of piers built upon the new plan be and hereby are requested and notified to cause the removal, within ten days after the receipt of this notice, of all goods, wares, merchandise, or other property discharged at their respective piers and now incumbering the ground reclaimed by this Department for the widening of West street, and that a failure or neglect, from any cause, to comply herewith, will create a liability to a penalty of \$50 per day, for each lot of such property, for each and every

day it shall be permitted to remain on any portion of said ground after the expiration of said ten days: and, further,

That the said lessees be and hereby are further notified and informed that no goods, wares, or merchandise discharged at their respective piers will be permitted hereafter to be placed upon any portion of said ground, and that the Corporation Wharfinger for the District is instructed to cause this order to be strictly enforced in every case.

March 9th, 1881.—Resolution adopted—That the Corporation Wharfingers be and hereby are directed to prevent cargo being landed in bulk upon the piers and bulkheads of this City, unless portions of such cargo are being carted away therefrom; excepting such piers and bulkheads as are under lease from the corporation.

## **II.—Description of Contracts made by the Board.**

May 12th, 1880.—Awarded to P. Sanford Ross and Jos. B. Sanford, of 104 Hudson Street, Jersey City, N. J., for building Pier New 21, North River. Estimated expense of contract, \$64,982.87. Dated, May 24th, 1880. Expiration, January 10th, 1881.

May 27th, 1880.—Awarded to Abraham Dowdney, of 1037 Third Avenue, for building crib-bulkhead at One Hundred and Second Street, Harlem River. Estimated expense of contract, \$900. Dated, May 27th, 1880. Expiration, May 27th, 1882.

May 29th, 1880.—Awarded to Chandler H. Loomis, of 139 Yates Avenue, Brooklyn, for dredging the slip between Piers New 42 and New 43, North River, one-half to be paid by the lessees of said Pier New 42. Estimated expense of the City's one-half of the contract, \$3,200. Dated, June 10th, 1880. Expiration, July 10th, 1880.

June 9th, 1880.—Awarded to Chandler H. Loomis, of 139 Yates Avenue, Brooklyn, for dredging the slips between West Twenty-second Street and West Twenty-fourth Street, North River, and at Piers at West Thirty-fifth Street and West Fifty-seventh Street, North River. Estimated expense of contract, \$15,180. Dated, June 21st, 1880. Expiration, September 19th, 1880.

June 9th, 1880.—Awarded to Stephen L. Merchant, Agent, of 41 Broadway, for furnishing 5,000 barrels of fresh-burnt Portland cement. Estimated expense of contract, \$13,200. Dated, June 14th, 1880. Expiration, October 1st, 1880.

July 3d, 1880.—Awarded to P. Sanford Ross and Jos. B. Sanford, of 104 Hudson Street, Jersey City, N. J., for building Pier New 36, North River. Estimated expense of contract, \$65,000. Dated, July 24th, 1880. Expiration, February 25th, 1881.

July 30th, 1880.—Awarded to Ross & Sanford, of 104 Hudson Street, Jersey City, N. J., for building a new wooden pier at East Thirty-second Street, East River. Estimated expense of contract, \$15,380. Dated, August 11th, 1880. Expiration, November 1st, 1880.

August 12th, 1880.—Awarded to Ross & Sanford, of 104 Hudson Street, Jersey City, N. J., for building a new wooden pier at East Thirty-first Street, East River. Estimated expense of contract, \$17,770. Dated, August 30th, 1880. Expiration, December 1st, 1880.

September 8th, 1880.—Awarded to Chandler H. Loomis, of 139 Yates Avenue, Brooklyn, for dredging slips between Piers at East Twenty-sixth and East Twenty-eighth Streets, East River. Estimated expense of contract, \$6,825. Dated, September 13th, 1880. Expiration, October 15th, 1880.

October 20th, 1880.—Awarded to I. Eugene White, of 279 Quincy Street, Brooklyn, for building Pier New 41, North River. Estimated expense of contract, \$37,538. Dated, November 1st, 1880. Expiration, September 4th, 1881.

November 17th, 1880.—Awarded to John Kinsley, of 212 East Twenty-seventh Street, for building rip-rap embankment, wooden platform, and rubble boundary wall, from East Forty-ninth Street to East Fifty-first Street, East River. Estimated expense of contract, \$11,253.05. Dated, December 4th, 1880; to expire April 20th, 1881. Consent to assign, December 15th, 1880. Injunction to suspend work, December 18th, 1880. Referred to Counsel to the Corporation, December 24th, 1880.

November 24th, 1880.—Awarded to John Gillies, of 192 West Street, Greenpoint, Brooklyn, for building Pier New 54, North River. Estimated expense of contract,

\$50,549. Dated, December 22d, 1880. Expiration, June 26th, 1881.

November 27th, 1880.—Awarded to Holmes Brothers, of 220 William Street, for building Pier New 55, North River. By resolution, January 10th, 1881, voided, for failure to provide satisfactory sureties.

January 6th, 1881.—Awarded to Cape Ann Granite Company, Bay View, Gloucester, Mass., for furnishing granite stones for bulkhead or river wall. Estimated expense of contract, \$40,056.80. Dated, February 2d, 1881. Expiration, August 31st, 1881.

January 26th, 1881.—Awarded to Holmes Brothers, of 220 William Street, for building Pier New 55, North River, under proposals re-advertised. Estimated expense of contract, \$62,800. Dated, February 18th, 1881. Expiration, July 21st, 1881.

February 15th, 1881.—Awarded to Warren Rosevelt, of 257 South Street, for repairing Pier 12 and its adjacent bulkhead, East River; the owners of the easterly half of said pier to pay one-half. Estimated expense of the City's one-half of contract, \$11,932.50. Dated, February 28th, 1881. Expiration, July 1st, 1881.

February 23d, 1881.—Awarded to Ross & Sanford, of 104 Hudson Street, Jersey City, N. J., for building Pier New 56, North River. Estimated expense of contract, \$53,400. Dated, March 1st, 1881. Expiration, September 20th, 1881.

March 10th, 1881.—Awarded to William H. Thompson,

of 15 Broadway, for furnishing about 4,000 barrels of Portland cement. Estimated expense of contract, \$10,120. Dated, March 25th, 1881. Expiration, July 1st, 1881.

March 16th, 1881.—Awarded to the Union Dredging Company, for dredging 750,000 cubic yards of mud, more or less, and 18,000 cubic yards of crib-work, more or less, under new plans for improvement of the water-front. Estimated expense of contract, \$249,300. (*Dated, May 9th, 1881.*) Expiration, on completion of the work, as specified.

March 23d, 1881.—Awarded to George J. Goetz, of 441 and 443 East Tenth Street, for furnishing about 29,000 lbs. of wrought-iron spikes. Estimated expense of contract, \$870. Dated, April 7th, 1881. Expiration, June 15th, 1881.

March 23d, 1881.—Awarded to James H. Perkins, of 61 South Street, for furnishing about 3,200 cubic yards of broken stone. Estimated expense of contract, \$5,744. Dated, April 8th, 1881. Expiration, June 30th, 1881.

March 23d, 1881.—Awarded to Thomas J. Crombie, of 164 East Eighty-fifth Street, for furnishing about 117,087 feet B. M. of spruce, and about 5,120 feet B. M. of white oak. Estimated expense of contract, \$3,227.03. Dated, April 6th, 1881. Expiration, June 15th, 1881.

April 6th, 1881.—Awarded to Thomas and Augustin Walsh, of 114 Wall Street, for repairing Pier 48 and adjoining bulkhead, East River. Estimated expense of con-

tract, \$20,975. Dated, April 16th, 1881. Expiration, August 1st, 1881.

April 25th, 1881.—Awarded to Joseph Walsh, of 114 Wall Street, for building pier at West Fifty-eighth Street, North River. Estimated expense of contract, \$17,300. (*Dated, May 3d, 1881.*) Expiration, August 1st, 1881.

### **III.—Payments made by the Board.**

The Commissioners of Docks have made requisitions upon the Finance Department for payments, in satisfaction of liabilities incurred, from May 1st, 1880, to April 30th, 1881; amounting in all to the sum of \$640,481.57; and herewith submitted, in due form of exhibits, annexed to the Statement of the Revenues and Disbursements of the Department for the year, is a full showing of the payments so made by the Board, and of the purposes and amounts thereof.

### **IV.—Leases made by the Board.**

I.—All leases made during the year, both at public sales and by Resolution of the Board, of wharf property owned by the Corporation, including land under water, and all permits issued by the Board during that period to occupy such property, are shown in the Rent-roll accompanying this report, which fully expresses for what term, at what rent, to whom, and for what property, each of



said leases was respectively made, and each of said permits was respectively granted.

The Rent-roll herewith submitted is a complete showing, as required by law, of all leases made during the year. And it, moreover, is a complete showing of all leases terminated during the year, and of all leases and permits in force on the first day of May, 1881; thus including any leases sold at public sales, within the year, to have inception in the ensuing year, or thereafter.

II.—Agreements for leases have been made by the Board with the under-mentioned parties for piers to be built under the new plan adopted for the permanent improvement of the water-front, to be occupied by them upon completion of the premises:

September 15th, 1880.—By resolution, this date, with the Cunard Steamship Company (Limited), to lease to it, as soon as completed, Pier New 41, North River, for a term of ten years, at an annual rent of \$30,000, payable quarterly in advance; with a covenant of renewal for a second term of ten years, at an annual rent of \$30,500. Transferred, by assignment, to John H. Starin, under consent given by resolution, April 29th, 1881.

December 8th, 1880.—By resolution, this date, with Arkell & Co., representing Ernest L. Simpson and Lewis H. Spence, Agents of the Leith Line of Steamers, to lease to them, as soon as completed, Pier New 56, North River, for a term of ten years, at an annual rent of \$25,000, payable

quarterly in advance; with a covenant of renewal for a second term of ten years, at an annual rent of \$30,000.

March 9th, 1881.—By resolution, this date, with the Union Stock Yard and Market Company, to lease to it, as soon as completed, a new pier to be constructed at West Fifth-eighth Street, North River, for a term of five years, from May 1st, 1881, at an annual rent of \$5,000, payable quarterly in advance, from the date of completion.

III.—Consents of the Board have been given to the following-mentioned assignments of leases of wharf property, to wit:

September 8th, 1880.—To Theodore F. Tone, to assign to the Albemarle Fertilizer Company, lease of Pier at One Hundred and Fifty-second street, North River; without release of lessee or his sureties from their present obligations under the lease.

November 10th, 1880.—To the Cunard Steamship Company (Limited), to be substituted in place of Central R. R. Co. of New Jersey, present lessees, to the northerly side of Pier New 40, North River, surface of pier excepted, for the remainder of the term of lease, from November 1st, 1880, to May 1st, 1889, at an annual rent of \$7,500, payable quarterly in advance, with covenant for a renewal term of ten years, at an annual rent of \$7,625.

January 26th, 1881.—To the Oceanic Steam Navigation Company (Limited), lessees of Pier New 44, North

River, to underlet the same to the Citizens' Steamboat Company of Troy.

April 29th, 1881.—To the Cunard Steamship Company (Limited), lessees, by agreement of September 15th, 1880, of Pier New 41, North River, to assign the same to John H. Starin, with full substitution to him, in the place and stead of said Cunard Steamship Company (Limited).

IV.—No surrenders of leases have been made during the year.

V.—The following-mentioned allowances from rent have been granted by the Board:

May 19th, 1880.—To Martin Karl, lessee of Pier at Fifty-first street, North River, an allowance from rent, consequent upon the placing of a public bath thereat, in the sum, for the season, of \$300.

July 31st, 1880.—To Isaac Fowler, lessee of Pier 61 and part bulkhead, East River, a reduction from rent for the two quarters from February 1st to November 1st, 1880, as sanctioned by the Comptroller, consequent upon the inability of this Department to give full possession of the premises; in the sum of \$187.50.

July 31st, 1880.—To Charles H. Longstreet, assignee, lessee of Bulkhead at Fifty-first street, East River, an allowance from the rent charged for the quarter to October 1st, 1880; he having been dispossessed, July 29th, 1880; therefore, in the sum of \$52.22.

July 31st, 1880.—To Thomas C. Burke, lessee of Pier 48, East River, an allowance from the rent charged for the quarter to August 1st, 1880; he having been dispossessed, July 12th, 1880; therefore, in the sum of \$222.01.

October 31st, 1880.—To Thomas Fitzpatrick, lessee of Pier at Twenty-eighth street, East River, an allowance from the rent charged for the quarter to November 1st, 1880; he having been dispossessed, September 15th, 1880 therefore, in the sum of \$137.50.

January 31st, 1881.—To Charles H. Longstreet, assignee, occupant of land under water for Pier at Fifty-first street, East River, an allowance from the rent charged for the year to January 1st, 1881; he having been dispossessed, July 29th, 1880; therefore, in the sum of \$21.10.

April 30th, 1881.—To Michael Ryan, being an allowance in full to him of the rent charged to him as occupant of Bulkhead at Fiftieth street, North River; consequent upon his neither having signified his acceptance of the permit granted him nor entered into occupancy of the premises; in the sum of \$125.

April 30th, 1881.—To Edward McGrath and R. H. Smith, occupants of right to moor float at One Hundred and Twenty-fifth street, Harlem River, an allowance of three quarters' rent to May 1st, 1881; consequent upon the right not having been used during that time; therefore, in the sum of \$75.

April 30th, 1881.—To Long Island North Shore Passenger and Freight Transportation Company, occupants of

outer end of Pier at Thirty-third street, East River, for steamboat landing, an allowance of ten months' rent from the amount charged to May 1st, 1881; consequent upon the disuse of the premises, by reason of the loss of steamboat *Seawanhaka*, on June 28th, 1880; in the sum of \$500.

April 30th, 1881.—To David Tracy (in hands of Counsel to the Corporation), for one day's rent on eight several piers and bulkheads of which he was lessee, and from which he was dispossessed, May 26th, 1877; withdrawn from the several charges made, and allowed as an overcharge, by advice of Counsel to the Corporation; in the sum of \$49.75.

VI.—And, under resolutions of the Board, as follows, the following-named lessees have been dispossessed during the year:

June 9th, 1880.—Charles H. Longstreet, assignee, from Bulkhead and Pier at East Fifty-first street, East River, for non-payment of rent.

June 18th, 1880.—Thomas C. Burke, from Pier 48, East River, for non-payment of rent.

June 30th, 1880.—Thomas Fitzpatrick, from Pier at East Twenty-eighth street, East River, by resolutions of this date and of July 30th, 1880, for non-payment of rent.

October 20th, 1880.—C. T. Van Santvoord, from Pier at West Twenty-fourth street, North River, under covenant in his lease.

October 20th, 1880.—C. T. Van Santvoord, agent, from

Pier at West Twenty-fifth street, North River, under covenant in his lease.

October 20th, 1880.—C. T. Van Santvoord, agent, from Pier at West Twenty-sixth street, North River, under covenant in his lease.

The three last-named, in preparation for carrying forward the work of construction on the new plan, in that part of the water-front.

All of which is very respectfully submitted.

H. F. DIMOCK,  
JACOB VANDERPOEL,  
WM. LAIMBEER,

*Commissioners of Docks.*

EUGENE T. LYNCH,

*Secretary.*



**STATEMENT**  
**OF**  
**Revenues and Disbursements.**

---

**ACCOUNT**  
**WITH**  
**The Mayor, Aldermen and Commonalty,**  
**AND**  
**BALANCE SHEET FOR APRIL 30TH, 1881.**





# STATEMENT

OF THE REVENUES AND DISBURSEMENTS OF THE DEPARTMENT OF DOCKS FOR AND  
DURING THE YEAR ENDING APRIL 30TH, 1881.

## DOCK AND SLIP RENT.

### I.—REVENUE:

Amount of rents and dues remaining uncollected on April  
30th, 1880, as per report for the year ending on that date,  
to wit:

- |  |             |
|--|-------------|
| 1. Due from Lessees of Corporation wharf property.....                             | \$98,380 33 |
| 2. Due from Occupants of Land under water, the property of<br>the Corporation..... | 10,742 50   |
| 3. Amount of accrued wharfage uncollected.....                                     | 708 30      |

Carried forward..... \$109,811 13

# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

Brought forward.....	\$109,811 13
Amount of wharfages accrued in previous years, prior to May 1st, 1880, omitted to be charged at the proper times, brought into account in the present year.....	\$843 14
Amount of rents and dues accrued and charged in and during the year ending April 30th, 1881, including rents for the last expired quarter, payable on May 1st, 1881, to wit:	
4. To Lessees of Corporation wharf property.....	\$782,916 00
5. To Occupants of Land under water, the property of the Corporation, covered by wharf improvements erected by permission of the Department.....	65,150 00
6. Amount of wharfages accrued within the year from un-leased Corporation wharf property.....	16,162 75
	<hr/>
	864,228 75
	<hr/>
	865,071 89
	<hr/>
	\$974,883 02

## II.—DISTRIBUTION :

*Cash :*

Amount of moneys deposited with the Chamberlain prior to May 1st, 1880, being in payment, in advance, of rents ac- cruing during the present year.....	\$9,406 25
Amount of moneys deposited during the year with the Cham- berlain to the credit of the Commissioners of the Sinking Fund, for the redemption of the City debt.....	895,799 21
	<hr/>
	\$905,205 46
Deduct the amount, included in the said moneys, of proceeds of sales of old material in and during the year.....	391 00
	<hr/>
	\$904,814 46
Deduct also the amount, included in said moneys, of sums received in and during the year at public sales of leases of	
	<hr/>
Carried forward.....	\$904,814 46
	<hr/>
	\$974,888 02

## STATEMENT OF THE REVENUES AND DISBURSEMENTS.---Continued.

\$974,883 08

Brought forward..... \$904,814 46

Corporation wharf property, being deposits made by purchasers as security for the execution on their part of their leases respectively; which leases are to date from May 1st, 1881, or subsequently, and which deposits are to be applied as rent first-accruing under such leases as shall be duly completed, or, in default, to become forfeited to the City \$58,672 50

Also, the amount, included in said moneys, of rents paid in advance of due dates in the present and next ensuing year, by lessees, at their own option..... \$1,887 50

Less, an amount entirely within the present year..... 106 25

1,781 25

\$58,463 76

Leaving this amount, deposited as rents and dues from Corporation wharf property; (premises in use under ferry leases made with the Comptroller, however, excepted).....

\$846,860 71

# *Allowances :*

Amount of rents and dues remitted in and during the year to

Lessees or Occupants of Corporation wharf property, to wit:

To Martin Karl, consequent upon a floating bath being placed at Pier at Fifty-first Street, N. R., leased by him.  
 To Isaac Fowler, consequent upon the inability of this Department to give him full possession of Pier 61 and part bulkhead, E. R., leased by him.  
 To Charles H. Longstreet, assignee, consequent upon his having been dispossessed from Bulkhead at Fifty-first Street, N. R., leased by him, and from Land under water for pier thereat, occupied by him, before expiration of the terms respectively for which rent was last charged.  
 To Thomas C. Burke, consequent upon his having been dispossessed from Pier 48, E. R., leased by him, before the last quarter for which rent had been charged to him had expired.  
 To Thomas Fitzpatrick, consequent upon his having been

\$300 00

187 50

73 32

222 01

Carried forward.....

\$782 88

\$846,360 71

\$974,888 02

STATEMENT OF THE REVENUES AND DISBURSEMENTS. — *(continued).*

Brought forward.....	\$782 83	\$846,300 71	\$974,883 02
dispossessed from Pier at Twenty-eighth Street, E. R., leased by him, before the last quarter for which rent had been charged to him had expired.....	187 50		
To Michael Ryan, consequent upon his not having occupied Bulkhead at Fiftieth Street, N. R., under permit to him so to do, and, for rent of which, charge was made to him in error.....	125 00		
To Edward McGrath and R. H. Smith, consequent upon the right not having been used to moor Float at One- Hundred and Twenty-fifth Street, H. R., under permit to them, during three-quarters of the year. ....	75 00		
To Long Island North Shore Passenger and Freight Trans- portation Co., consequent upon the disuse of outer end of Pier at Twenty-third Street, E. R., under permit for steamboat landing thereat, during the last ten months of the year.....	500 00		
			<hr/> \$1,620 38

Also :

To David Tracy (in hands of Counsel to the Corporation),  
consequent upon withdrawal from the charges made to  
him for rent for eight several piers and bulkheads leased  
by him, of one day's rent, remitted by advice of Counsel  
to the Corporation.....

49 75

1,670 08

### *Counsel to the Corporation :*

Amount of claims for unpaid rents and dues transferred to him,  
in and during the year, for collection.....  
Less, credit given for eight small allowances advised by him,  
from sums demanded in suits.....

\$9,830 56

49 75

9,780 81

837,811 60

### III.—BALANCE :

I. Amount of rents and dues charged to Lessees of Corporation  
(Carried forward.)



# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

(Brought forward.)

wharf property, and remaining uncollected on April 30th, 1881.....	\$99,792 16
2. Amount of rents and dues charged to Occupants of Land under water, the property of the Corporation, and remaining uncollected on April 30th, 1881.....	16,837 50
3. Amount of accrued wharfage remaining uncollected on April 30th, 1881.....	824 26
4. Amount in hands of the Treasurer, undeposited on April 30th, 1881.....	117 50

(NOTE.—Of this whole amount, \$72,212.50 was not payable until May 1st, 1881, and the whole of this shown balance of \$117,071.42 was collected and deposited with the Chamberlain prior to June 22d, 1881, except only a small amount of uncollected wharfages.)

\$117,071 42

## DOCK BONDS.

Amount of Dock Bonds directed to be issued by the Commissioners of the Sinking Fund prior to May 1st, 1880....	\$7,100,000 00
Amount of Requisitions made by the Department prior to May 1st, 1880, upon which the Commissioners of the Sinking Fund directed bonds to be issued during the following year.....	\$3,630 00
Of which, a fragment, not being issuable in a bond, was credited back.....	30 00
	<hr/> 3,500 00
	<hr/> \$7,103,500 00
Amount of Requisitions for Dock Bonds made in and during the year ending April 30th, 1881; upon the whole of which the said Commissioners of the Sinking Fund gave direction for the issue of bonds during the year.....	750,000 00
Making the total amount of "Dock Bonds of the City of New York," directed, from time to time, by the Commissioners of the Sinking Fund, to be issued for the uses and purposes of the Department of Docks, from the date of its organization in May, 1870, to April 30th, 1881, to be.....	<hr/> \$7,853,500 00

# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

## DOCK FUND.

### I.—RECEIPTS:

1. Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on May 1st, 1880, for the uses and purposes of this Department, as per Annual Report for the year ending April 30th, 1880. ....

\$50,333 80

Amount of proceeds of Dock Bonds directed by the Commissioners of the Sinking Fund to be issued by the Comptroller, in and during the year ending April 30th, 1881; premium thereupon, if any, not here included. ....

753,500 00

\$803,833 80

2. Amount of moneys received in and during the year, and deposited with the Chamberlain for the uses and purposes of the Department: being reimbursements for the cost of repairs to wharf properties not owned by the Corporation, and for the use of Department appliances, furnishing maps and tracings, etc. ....

10,449 12

\$814,283 92

## II.—EXPENDITURE :

Amount of bills and claims audited in and during the year ending April 30th, 1881, and transmitted to the Finance Department for payment, being for materials and supplies furnished, for certain floating property acquired, and for services rendered to this Department, to wit :

### 1. *For Construction :—*

As per annexed Schedule B. :

Acquired Floating Plant.....	\$10,545 00
Advertising for estimates, etc.....	192 60
Cement.....	14,761 77
Coal for Tug, Pile-drivers, etc.....	3,952 75
Contracts for building new piers and bulk-heads.....	149,108 82
Drawing materials and surveying instruments.....	461 62
Dredging.....	122,611 90
Carried forward.....	\$301,634 46
	<hr/>
	\$814,282 92

## STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

Brought forward.....	\$301,634 46	\$814,282 92
General expenses, including plumbing and gas-fitting on new piers, insurance on sheds, workmen's tools, etc.....	5,140 12	
Granite, rip-rap, broken stone, cobble-stone and sand.....	48,167 11	
Iron, steel and nails.....	4,344 96	
Lumber, piles and creosoting .....	35,510 19	
Maintenance of Floating Plant and Depart- ment Yards.....	7,373 82	
Stationery, printing and maps.....	2,261 22	
Towing.....	102 50	
West Twenty-third Street Office building....	520 00	\$400,054 38
As per annexed Schedule C.:		
Salaries of the Commissioners of Docks.....	\$7,169 35	
Salaries of the Office of the Engineer-in-Chief	12,530 00	
Salaries of the Construction force.....	18,205 50	
		37,904 85

As per annexed Schedule D.:

Pay-rolls—

Office of Engineer-in-Chief.....	\$4,089 00
Surveying force.....	8,490 57
Captains, engineers, crews and watchmen on Floating property.....	13,628 15
Blacksmiths, stone-cutters, laborers and watch- men in Department Yards.....	15,260 65
Masons, dock-builders, laborers and watch- men on works of Construction.....	73,521 70
	<hr/>
	114,990 07

---

\$552,949 30

41

2. *For General Repairs:*—

As per annexed Schedule E.:

Advertising for estimates.....	\$33 50
Dredging.....	36,818 92
Lumber.....	4,976 69
	<hr/>

Carried forward..... \$41,829 11

---

\$552,949 30

---

814,282 92

# STATEMENT OF THE REVENUES AND DISBURSEMENTS.—Continued.

Brought forward.....	\$341,329 11	\$552,949 30	\$814,282 92
Miscellaneous expenses, including painting, etc.....	598 71		
Printing.....	311 30		
	<u>\$42,784 13</u>		
As per annexed Schedule F.:			
Pay-rolls of dock-builders, laborers and watchmen on Repairs.....	14,758 71	57,492 88	
	<u>14,758 71</u>		
3. For Annual Expense:—			
As per annexed Schedule G.:			
Advertising public sales, etc.....	\$206 30		
Office Rent and contingent expenses.....	8,691 22		
Stationery and printing for Commissioners' offices.....	878 70	\$9,776 22	
	<u>878 70</u>		
As per annexed Schedule H.:			
Salaries of officers and appointees.....	20,268 22	80,089 44	640,481 57
	<u>20,268 22</u>		

### III.—BALANCE :

Amount of proceeds of Dock Bonds approximated as being in the hands of the Comptroller on April 30th, 1881, available for the future uses and purposes of this Department; (unpaid audited claims and outstanding warrants being here unconsidered).

\$173,801 85

NEW YORK, June 30th, 1881.

Respectfully submitted to the Board,

WM. M. WHITNEY,

*Chief Clerk.*

*Approved and adopted :*

H. F. DIMOCK,

JACOB VANDERPOEL,

WM. LAIMBEER,

*Commissioners of Docks.*



To deposits of money made prior to May 1st, 1880, being for payments in advance of rents accruing after that date and credited in this account.....	\$9,406 25
To deposits of money with the Chamberlain.	906,248 33
To bills and claims audited for floating plant acquired, for materials and supplies furnished and for services rendered, to wit:	
On Construction account..	\$552,949 30
On General Repairs account.	57,492 83
On Annual Expense account.	30,039 44
	<hr/>
	640,481 57
To remnant of a requisition credited to Commissioners of the Sinking Fund..	30 00
To balance carried forward.....	898,196 60
	<hr/>
	\$2,454,362 75

WM. M. WHITNEY,  
Chief Clerk.

**OF THE CITY OF NEW YORK in account  
MENT OF DOCKS, for and during  
April 30th, 1881.**

CR.

By balance, April 30th, 1880, as per report for the year ending at that date, to wit:	
Unpaid balances .....	\$297,545 92
Dock funds .....	53,863 80
Contingent fund .....	1,000 00
	<hr/>
By Dock and Slip rent .....	\$352,409 72
By Rent advances .....	863,401 81
By interest in recovered judgments .....	58,453 75
By unsatisfied judgments revived .....	18,535 79
By proceeds of sales of old material .....	2,542 44
By requisitions for Dock Bonds .....	391 00
By reimbursement for repairs made to private wharves, and for hire of pile- drivers, scows, etc. ....	750,000 00
By sales of maps, etc. ....	10,409 97
By moneys credited to the Dock Fund .....	39 15
By acquired real and floating property. ....	10,449 12
	<hr/>
	387,730 00
	<hr/>
	\$2,454,362 75
By balance, April 30th, 1881, to wit:	
Unpaid balances .....	\$245,730 29
Judgments .....	89,934 96
Property .....	387,730 00
Dock funds .....	173,801 35
Contingent fund .....	1,000 00
	<hr/>
	\$898,196 60

H. F. DIMOCK,  
JACOB VANDERPOEL,  
WM. LAIMBEER,

*Commissioners, composing the Board of the Department of Docks.*

## BALANCE SHEET.

Dr.	APRIL 30TH, 1881.	Cr.
-----	-------------------	-----

Jacob Vanderpoel, <i>Treasurer</i> .....	\$1,117 50	The Mayor, Aldermen and Commonalty of the City of New York.....	\$898,196 60
Sundry Lessees, ( <i>As per Schedule A.</i> )....	116,129 66		
Accrued Wharfage uncol- lected ( <i>As per Schedule L.</i> )...	824 26		
Judgments .....	89,934 96		
Counsel to the Corporation.....	128,658 87		
Dock Fund.....	173,801 35		
Acquired real and floating prop- erty.....	387,730 00		
	<u>\$898,196 60</u>		<u>\$898,196 60</u>

**Schedule A.**  
**LEDGER BALANCES, APRIL 30TH, 1881.**  
*(Trial Balance.)*

Dr.	Fol.		Cr.
	48	Sales of old material.....	\$391 00
\$906,248 33	53	J. Nelson Tappan, <i>Chamberlain</i> ...	
	58	Sales of maps, etc. ....	39 15
552,949 30	64	Construction.....	
57,492 83	65	General Repairs.....	
30,039 44	67	Annual Expense.....	
151 23	74	James Fitzpatrick, <i>Corporation</i> <i>Wharfinger</i> .....	
262 86	77	John Butler, <i>Corporation Wharf-</i> <i>inger</i> .....	
404 67	79	John M. Smith, <i>Corporation</i> <i>Wharfinger</i> .....	
5 50	82	Wm. McConkey, <i>Corporation</i> <i>Wharfinger</i> .....	
	84	Rent Advances.....	58,453 75
1,117 50	86	Jacob Vanderpoel, <i>Treasurer</i> ....	
128,658 87	90	Counsel to the Corporation.....	
163,352 23	92	Dock Fund .....	
	94	Leased wharves.....	781,267 02
	96	Land under water.....	65,128 90
	98	Unleased wharves.....	17,005 89
	100	The Mayor, Aldermen and Com- monalty... ..	1,501,781 70
	102	Repairs for private owners, etc...	10,409 97
203,530 00	104	Acquired property.....	
87,392 52	106	Judgments recovered.....	
2,542 44	108	Unsatisfied judgments.....	
184,200 00	110	Floating Plant.....	
	Sundry Lessees:		
	(This amount being wholly com- posed of accrued Rents, charged to 54 tenants, of which amount \$72,212.50 is not payable until May 1st, 1881.)		
116,129 66	268 to 480		
<u>\$2,434,477 38</u>			<u>\$2,434,477 38</u>

## Schedule B.

## BILLS AND CLAIMS AUDITED ON CONSTRUCTION ACCOUNT.

ACQUIRED FLOATING PLANT.		
John Dunn .....	\$7,545 00	
Lidgerwood Manufacturing Co. ....	3,000 00	
		\$10,545 00
ADVERTISING.		
The Evening Post. ....	\$40 40	
Journal of Commerce .....	24 00	
New York Tribune. ....	42 00	
The World. ....	47 80	
New York Staats Zeitung. ....	23 40	
New York Express Company. ....	15 00	
		192 60
CEMENT.		
Stephen L. Merchant. ....	\$1,332 15	
Stephen L. Merchant Agent. ....	13,429 62	
		14,761 77
COAL FOR TUG, PILE-DRIVERS, ETC.		
Niven & Co. ....	\$3,653 75	
Communipaw Coal Co. ....	299 00	
		3,952 75
CONTRACTS FOR BUILDING NEW PIERS AND BULKHEADS.		
Ross & Sanford. ....	\$134,529 32	
John B. Devlin. ....	7,949 50	
Thomas & Augustin Walsh. ....	6,630 00	
		149,108 82
Carried forward. ....		\$178,560 94

Brought forward.....		\$178,560 94
DRAWING MATERIALS AND SURVEYING INSTRUMENTS.		
A. S. Barnes & Co.....	\$196 58	
Keuffel & Esser.....	109 04	
Stackpole & Brother.....	57 00	
Albert Levy.....	99 00	
		461 62
DREDGING.		
Union Dredging Co.....	\$122,611 90	
		122,611 90
GENERAL EXPENSES, INCLUDING PLUMBING AND GAS-FITTING ON NEW PIERS, INSURANCE ON SHEDS, WORKMEN'S TOOLS, ETC.		
Thomas C. Townsend.....	\$712 76	
Patterson Brothers.....	33 58	
Gold and Stock Telegraph Co.....	20 17	
Metropolitan Telephone and Telegraph Co.	265 78	
Hodgman & Co.....	233 10	
Paul C. Coffin.....	394 31	
Bradley, Kurtz & Co.....	259 43	
Consumers' Ice Co.....	61 14	
Wm. B. Ferguson & Son.....	9 50	
Stevens Institute of Technology.....	223 60	
C. T. Raynolds & Co.....	13 50	
John B. Barazzi.....	15 00	
Greenwich Insurance Co.....	100 00	
Boston Belting Co.....	68 88	
Travers Brothers.....	6 00	
Charles Boettger.....	66 73	
John Early.....	126 02	
Theron S. Atwater.....	131 50	
R. Hoe & Co.....	158 02	
Commercial Union Assurance Co.....	175 00	
Robinson, Lord & Co.....	1 08	
R. H. Allen & Co.....	54 00	
Charles Ostrom.....	80 00	
New Jersey Steel and Iron Co.....	2 52	
Carried forward.....	\$3,211 62	\$301,634 46

Brought forward.....	\$3,211 62	\$301,634 46
E. Imhauser.....	6 50	
Josiah Partridge.....	79 42	
Henry Lorient.....	275 00	
William Crawford.....	3 00	
John Robinson & Co.....	5 94	
Goodyear's Rubber Manufacturing Co...	166 32	
Henry C. Parsons.....	65 00	
Phoenix Insurance Co. (of London).....	225 00	
German-American Insurance Co.....	100 00	
Republic Fire Insurance Co.....	50 00	
Samuel B. Schenck, Agent.....	3 75	
W. & A. Fletcher.....	9 00	
Popham & Co.....	16 00	
Alexander W. Baker.....	6 00	
James R. Mangles.....	10 00	
E. Robinson.....	10 00	
Borne, Scrymser & Co.....	8 00	
Incidental Expenses.....	889 57	
		5,140 12
GRANITE, RIP-RAP, BROKEN STONE, COBBLE STONE AND SAND.		
John A. Bouker.....	\$31,747 51	
John B. Devlin.....	186 00	
Rowe & Denman.....	25 52	
Robert L. Darragh.....	11,208 08	
		43,167 11
IRON, STEEL AND NAILS.		
Wetmore & Co.....	\$14 16	
Patterson Brothers.....	42 09	
Alfred R. Whitney.....	203 15	
Paul C. Coffin.....	320 82	
Theo. Smith & Brother.....	2,364 99	
Peter Timmes' Son.....	1,354 75	
J. B. & J. M. Cornell.....	45 00	
		4,344 96
LUMBER, PILES AND CREOSOTING.		
John J. Lawrence.....	\$2,790 65	
Charles B. Carman.....	766 50	
Carried forward.....	\$3,557 15	\$354,286 65

Brought forward.....	\$3,557 15	\$354,286 65
Beard & Kimpland.....	1,331 00	
P. C. Coffin, Agent.....	1,373 00	
Paul C. Coffin.....	71 64	
Drew & Bucki.....	527 74	
Thomas J. Crombie.....	89 64	
John Bryant.....	629 00	
P. Sanford Ross.....	1,731 20	
Alfred J. Murray.....	19,024 85	
John Crouch & Co.....	1,400 35	
Ross & Sanford.....	493 11	
John B. Devlin.....	160 00	
Joel Griffin.....	2,005 00	
Thomas & Augustin Walsh.....	367 11	
Edward R. Andrews.....	2,549 40	
		35,510 19
MAINTENANCE OF FLOATING PLANT AND DEPARTMENT YARDS.		
William McDonagh & Co.....	\$192 10	
Thomas C. Townsend.....	229 64	
Hodgman & Co.....	12 38	
Paul C. Coffin.....	30 84	
Wm. B. Ferguson & Son.....	80 45	
Handren & Robins.....	872 92	
Theo. Smith & Brother.....	2,288 19	
De Grauw, Aymar & Co.....	1,390 05	
John A. Roebling's Son Co.....	43 17	
Screw Dock Co.....	36 83	
C. T. Reynolds & Co.....	107 28	
Josiah Macy's Sons.....	95 53	
John F. Walsh.....	402 41	
Clinton Fire Insurance Co.....	11 25	
Guardian Fire Insurance Co.....	22 50	
Greenwich Insurance Co.....	45 00	
Lorillard Insurance Co.....	45 00	
Relief Fire Insurance Co.....	11 25	
Pacific Fire Insurance Co.....	22 50	
Charles M. Childs.....	15 00	
E. W. Page & Son.....	14 28	
Darius Allen's Sons.....	180 44	
J. W. & W. F. Smith.....	121 90	
F. P. Reed.....	57 36	
C. H. Delamater & Co.....	120 00	
Carried forward.....	\$6,448 27	\$389,796 84



Brought forward.....	36,448 27	\$359,736 94
Charles Boeltger.....	218 00	
John Dewett & Sons.....	29 00	
Colgate & Co.....	29 98	
Bruckenholtz, Turner & Co.....	16 49	
Guilielmus, Peter & Co.....	7 50	
R. V. Nathan & Co.....	13 50	
R. Hoe & Co.....	8 16	
Richard Heister.....	65 00	
Eagle Fire Co.....	22 50	
Exchange Fire Insurance Co.....	22 50	
Jederson Insurance Co.....	11 25	
New York Bowery Fire Insurance Co.....	22 50	
Park Fire Insurance Co.....	1 25	
Stirling Fire Insurance Co.....	22 50	
Williamsburgh City Fire Insurance Co.....	22 50	
J. S. Barron & Co.....	41 00	
K. Egau & Co.....	40 57	
Goodyear's Rubber Manufacturing Co.....	66 25	
David Clark.....	89 50	
German-American Insurance Co.....	45 00	
Binghamton Oil Refining Co.....	79 13	
Charles Pratt & Co.....	27 44	
Fairbanks & Co.....	2 50	
		<u>7,373 38</u>

## STATIONERY, PRINTING AND MAILS.

A. S. Barnes & Co.....	\$681 91	
William C. Bryant & Co.....	13 98	
Asa J. Shipman's Sons.....	10 50	
Heliograph Co.....	4 00	
G. H. Neisner.....	1 75	
Joseph Loring.....	79 00	
		<u>2,261 22</u>

## TOWNS.

V. Vieww.....	\$102 50	
		<u>102 50</u>

## WEST TWENTY-THIRD STREET OFFICE BUILDING.

John Williamson.....	\$529 00	
		<u>529 00</u>
		<u>\$400,054 88</u>

## Schedule C.

## SALARIES AUDITED ON CONSTRUCTION ACCOUNT.

COMMISSIONERS OF DOCKS.			
Henry F. Dimock.....	\$3,000 00		
Jacob Vanderpoel.....	3,000 00		
William Laimbeer.....	1,169 35		
			\$7,169 35
OFFICE OF ENGINEER-IN-CHIEF.			
G. S. Greene, Jr., Engineer-in-Chief.....	\$6,000 00		
Willard A. Nichols, First Assistant Engineer .....	3,600 00		
David T. Keiller, Draughtsman...	1,350 00		
(From January 15th, 1881.)			
James Dana, Jr., Clerk to Engineer-in-Chief.....	\$270 00		
Robert M. Kid, Assistant Draughtsman.....	315 00		
William Livingstone, Assistant Draughtsman.....	270 00		
Matthew J. Brennan, Assistant Draughtsman.....	270 00		
Edward C. Reynolds, Temporary Draughtsman.....	270 00		
Frederick Lange, Messenger.....	72 50		
Perry Goodale, Acting Messenger.	112 50		
		1,580 00	
CONSTRUCTION FORCE.		To Dec. 31st, 1880.	From Jan. 1st, 1881.
William W. Maclay, Superintendent of Section.....	\$1,666 64	\$833 36	
Charlton B. Kid, Superintendent of Section.....	1,666 64	833 36	
Thomas J. Long, Assistant to Superintendent.....	1,025 00	600 00	
Carried forward....	\$4,358 28	\$2,266 72	\$19,699 35

Brought forward.....	\$4,358 28	\$2,266 72	\$19,699 35
John H. Staats, Assistant to Superintendent.....	974 98	500 02	
Thomas Murphy, Master Mason.....	1,500 00	600 00	
Jas. Guthrie, Master Dock-builder.....	1,666 64	450 00	
Patrick White, Foreman of Dock-builders.....	1,000 00	333 33	
Moses S. Barrett, Surveyor.....	1,044 35	.....	
Charles W. Raymond, Assistant Surveyor.....	825 00	500 00	
Charles F. Carpenter, Leveler.....	475 00	285 00	
James O'Brien, Roundsman.....	800 00	51 61	
John H. Rogers, Acting Roundsman.....	.....	105 53	
Frederick Lange, Acting Roundsman.....	.....	235 71	
Robert M. Sterritt, Foreman of Department Yards.....	.....	333 33	
	<u>\$12,544 25</u>	<u>\$5,661 25</u>	18,205 50
			<u>\$37,904 85</u>

## Schedule D.

### PAY-ROLLS AUDITED ON CONSTRUCTION ACCOUNT.

OFFICE OF ENGINEER-IN-CHIEF.			
(To January 15th, 1881.)			
Seven two-weeks' rolls, to	July 31st, 1880....	\$1,492 50	
Six	" " October 23d, 1880..	1,296 00	
Six	" " January 15th, 1881.	1,800 50	
			\$4,089 00
SURVEYING FORCE.			
Seven two-weeks' rolls, to	July 31st, 1880....	\$2,454 97	
Six	" " October 23d, 1880..	1,931 43	
Seven	" " January 29th, 1881.	2,295 72	
Six	" " April 23d, 1881....	1,808 45	
			8,490 57
Carried forward.....			\$12,579 57

Brought forward.....		\$12,579 57
CAPTAINS, ENGINEERS, CREWS AND WATCHMEN, ON FLOATING PROPERTY.		
Three monthly rolls, to July 31st, 1880 .....	\$1,158 87	
“ “ “ October 31st, 1880....	1,102 59	
“ “ “ January 31st, 1881....	1,154 04	
“ “ “ April 30th, 1881.....	1,160 44	
Seven two-weeks' rolls, to July 31st, 1880 ..	2,289 31	
Six “ “ October 23d, 1880.	2,330 53	
Seven “ “ January 29th, 1881.	2,339 30	
Six “ “ April 23d, 1881....	2,093 07	
		13,628 15
BLACKSMITHS, STONE-CUTTERS, LABORERS AND WATCHMEN, IN DEPARTMENT YARDS.		
Seven two-weeks' rolls, to July 31st, 1880....	\$3,805 89	
Six “ “ October 23d, 1880.	5,365 12	
Seven “ “ January 29th, 1881.	3,518 09	
Six “ “ April 23d, 1881....	2,571 55	
		15,260 65
MASONS, DOCK-BUILDERS, LABORERS AND WATCH- MEN, ON WORKS.		
Seven two-weeks' rolls, to July 31st, 1880....	\$19,593 20	
Six “ “ October 23d, 1880.	13,442 84	
Seven “ “ January 29th, 1881.	18,203 21	
Six “ “ April 23d, 1881....	17,180 45	
		73,521 70
		\$114,990 07

## Schedule E.

BILLS AND CLAIMS AUDITED ON GENERAL REPAIRS  
ACCOUNT.

ADVERTISING.		
The Evening Post.....	\$14 00	
The World.....	13 20	
N. Y. Staats Zeitung.....	6 30	
		\$33 50
Carried forward.....		\$33 50

Brought forward .....	\$33 50
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**DRAFTS.**

Cash Drafting Co. ....	\$11,250 90	
Charles H. Loomis .....	23,338 02	
	<hr/>	\$34,588 92

**LUMBER.**

John J. Lawrence .....	\$126 33	
Drew & Bucki. ....	183 90	
Thomas J. Columbia .....	4,463 98	
John Crouch & Co. ....	202 30	
	<hr/>	\$4,976 51

**MISCELLANEOUS EXPENSES, INCLUDING PAINTING,  
ETC.**

Paul C. Coffin .....	\$50 31	
Thos. C. Townsend .....	5 45	
Charles Boylger .....	474 00	
Abbott Pavement Co. ....	54 75	
	<hr/>	\$585 51

**PAINTING.**

William C. Bryant & Co. ....	\$311 30	
	<hr/>	\$311 30
		<hr/>
		\$42,734 13

**Schedule F.****TAX-ROLLS AUDITED ON GENERAL REPAIRS ACCOUNT.****Dock-buildings, Light-houses and Wharves.**

Seven two-weekly rolls to July 31st, 1880 .....	\$7,336 52	
“ “ “ “ October 28d, 1880 .....	3,717 90	
“ “ “ “ January 29th, 1881 .....	2,184 30	
“ “ “ “ April 28d, 1881 .....	1,528 00	
	<hr/>	\$14,766 71

## Schedule G.

BILLS AND CLAIMS AUDITED ON ANNUAL EXPENSE  
ACCOUNT.

ADVERTISING.		
The Evening Post.....	\$47 80	
The World.....	62 60	
N. Y. Staats Zeitung.....	25 60	
Journal of Commerce.....	27 60	
New York Tribune.....	42 70	
		\$206 30
OFFICE RENT AND CONTINGENT EXPENSES.		
Manhattan Real Estate Association.....	\$6,950 00	
Gold and Stock Telegraph Co.....	8 00	
Metropolitan Telephone and Telegraph Co.....	112 00	
Consumers' Ice Co.....	78 58	
Thomas C. Townsend.....	99 42	
New York Gas Light Co.....	136 99	
John B. Barazzi.....	221 45	
James I. Hart.....	35 00	
New York Fire Insurance Co.....	25 50	
Charles C. Chamberlain.....	29 25	
Popham & Co.....	65 00	
U. S. Ozone Co.....	27 00	
Alexander W. Baker.....	7 50	
Incidental Expenses.....	895 53	
		8,691 22
STATIONERY AND PRINTING.		
A. S. Barnes & Co.....	\$866 10	
Levien & Childs.....	12 60	
		878 70
		\$9,776 22

## Schedule H.

### SALARIES ADDED ON ANNUAL EXPENSE ACCOUNT.

#### OFFICERS AND EMPLOYEES.

Eugene T. Lynch, Secretary .....	\$3,500 00
William M. Whitney, Chief Clerk .....	3,000 00
Edward Dickel, Clerk to Secretary .....	1,400 00
George T. Mow, Temporary Clerk .....	1,500 00
Francis E. Moon, Temporary Clerk .....	900 00
Edward G. Ames, Clerk .....	780 00
John K. Murphy, Copyist .....	45 65
John M. Smith, Corporation Wharfinger .....	1,400 00
James Fitzpatrick, Corporation Wharfinger .....	1,400 00
William McDonkey, Corporation Wharfinger .....	1,400 00
John Butler, Corporation Wharfinger .....	1,400 00
Michael J. Gallagher, Temporary Wharfinger .....	25 00
Jeremiah Hogan, Temporary Wharfinger .....	25 00
Thomas Early, Messenger .....	750 00
George S. Hunt, Messenger .....	313 00
Frederick W. Bently, Office Messenger .....	765 32
Amzi Cook, Doorman .....	428 00
James W. Marshall, Night Watchman .....	821 25
Daniel Connolly, Sunday Watchman .....	106 40
Michael Bolvoy, Sunday Watchman .....	79 40
Timothy Ring, Temporary Watchman .....	22 00
	\$20,265 12

## Schedule I.

WHARFAGE FROM UNLEASED WHARVES FOR THE YEAR  
ENDING APRIL 30TH, 1881.

	BALANCE UN- COLLECTED APRIL 30TH, 1880.	ACCRUED THIS YEAR.	BALANCE UNCOL- LECTED APRIL 30TH, 1881.
DISTRICT NO. 1, NORTH RIVER.			
<i>As per account with John M. Smith, Corporation Wharfinger.....</i>	\$532 27		
Bulkhead north of Pier New 1, North River.....		\$12 80	
Pier New 1, North River.....		8,851 12	
Pier New 41, North River.....		3 80	
Bulkhead between Piers New 35 and New 36, North River.....		8 80	
Bulkhead between Piers New 36 and New 37, North River.....		10 25	
Bulkhead between Piers New 38 and New 39, North River.....		207 00	
Bulkhead between Piers New 39 and New 40, North River.....		361 77	
Bulkhead between Piers New 40 and New 41, North River.....		68 82	
Bulkhead between Piers New 41 and New 42, North River.....		239 69	
Bulkhead between Piers New 42 and New 43, North River.....		206 63	
		\$9,970 68	\$366 03
DISTRICT NO. 2, NORTH RIVER.			
<i>As per account with James Fitzpat- rick, Corporation Wharfinger....</i>	\$106 78		
(Forward.)			





	BALANCE UN- COLLECTED APRIL 30TH, 1880.	ACCRUED THIS YEAR.	BALANCE UNCOL- LECTED APRIL 30TH, 1881.
(Brought forward.)			
Pier at 46th Street, East River. ....		134 00	
Bulkhead at 51st Street, East River.		15 85	
Pier at 61st Street, East River. ....		618 28	
“ 106th “ Harlem River.		33 00	
“ 117th “ “ “		85 60	
“ 125th “ “ “		81 39	
“ 129th “ “ “		192 50	
		<u>\$3 685 55</u>	168 00
Total amount returned by Corpora- tion Wharfingers within the year.		\$15,552 75	
Amount collected of Manhattan Rail- way Co. for use of Bulkhead at Pier New 1, North River. ....		610 00	
Amounts omitted in preceding years, now charged up .....		843 14	
Sum total for the year. ....		<u>\$17,005 89</u>	
Total Wharfages outstanding April 30th, 1881. ....			<u>\$670 31</u>



RENT-ROLL

OF

LEASES AND PERMITS

IN FORCE

ON AND AFTER MAY 1st, 1881.

SHOWING THE OCCUPANCY, ON MAY 1ST, 1881, OF  
THE DEPARTMENT OF DOCKS; INCLUSIVE OF  
ALSO, OF ALL LEASES AND PERMITS TERMINATING

PROPERTY.	LESSEE OR OCCUPANT	TERM OF TI
<b>NORTH RIVER.</b>		
Pier New 1 .....	Iron Steamboat Co.	May 1, 1881, to M
Extension to bulkhead between Piers 3 and 6, and widening Piers 4 and 5 .....	Union R. R. & Trans- portation Co. ....	May 1, 1873, to M
Platforms at bulkheads between Piers 6 and 8.	N. Y. & Baltimore Transportation Line	At pleasure of the
Platform south side Pier 8.....	Central R. R. Co. of New Jersey.....	At pleasure of the
Platform between Piers 8 and 9.....	Clark & Seaman....	At pleasure of the
Extension to Pier 9.....	William Cruikshank, Agent.....	At pleasure of the
North half Pier 12 and half bulkhead.....	Francis S. Lathrop..	Aug. 1, 1879, to A
Pier 13 and half bulk- head southerly.....	Francis S. Lathrop..	Aug. 1, 1879, to A
Platforms between Piers 12 and 13, and 13 and 14.....	Central R. R. Co. of New Jersey.....	At pleasure of the
South half Pier 14 and bulkhead adjoining...	Central R. R. Co. of New Jersey.....	May 1, 1876, to now holding ov

**D L L;**

**ATION WHARF PROPERTY UNDER LEASES AND PERMITS OF  
D WITHIN THE YEAR BY PUBLIC SALE; AND INCLUSIVE,  
1 YEAR THEN ENDED.**

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1, 1881.	
.....	\$30,100 per ann..	By Public Sale, March 22, 1881.
.....	12,500 per ann..	By Resolution April 30, 1878.
.....	300 per ann..	By Resolution January 2, 1878.
.....	1,500 per ann..	By Resolution January 5, 1881.
.....	1,250 per ann..	By Resolution October 9, 1879.
.....	700 per ann..	By Resolution October 9, 1879.
.....	3,000 per ann..	By Public Sale March 13, 1879.
.....	15,000 per ann..	By Public Sale March 13, 1879.
.....	1,600 per ann..	By Resolution August 5, 1879.
.....	10,010 per ann..	By Public Sale March 7, 1876, and Reso- lution March 16, 1881.

## (NORTH RIVER.)

RE

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TI
Extension westerly to Pier 14.....	Central R. R. Co. of New Jersey.....	At pleasure of the
Widening south side Pier 14 .....	Central R. R. Co. of New Jersey.....	At pleasure of the
Platform south of Pier 16.....	Pennsylvania R.R.Co	At pleasure of the
South half Pier 18 and part bulkhead adjoining.....	Associates of the Jersey Co.....	May 1, 1876, to M
Platform between Piers 18 and 19, etc.....	Delaware, Lackawanna & Western R. Co.....	May 1, 1878, to 3
Platforms between Piers 18 and 20.....	John H. Starin.....	At pleasure of the
Pier 20 and bulkhead southerly.....	Francis MacDonald.	May 1, 1868, to 3
Extension to Pier 20....	Francis MacDonald.	June 15, 1874, to 4
Pier 21 and bulkhead adjoining south side..	William Coverly...	May 1, 1880, to M
South half Pier 22 (sometimes named 23) and bulkhead adjoining...	Stephens & Condit Transportation Co.	June 1, 1878, to J
South half Pier 22 (sometimes named 23) and bulkhead adjoining....	Stephens & Condit Transportation Co.	June 1, 1881 to Ju
Platform at bulkhead north of Pier Old 28.	Old Colony S. B. Co.	At pleasure of the
South half Pier 29 (including whole surface of pier).....	Providence & Stonington S. S. Co..	Feb. 1, 1880, to M

*ntinued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$400 per ann..	By Resolution October 2, 1879.
.....	250 per ann..	By Resolution November 6, 1879.
.....	800 per ann..	By Resolution July 9, 1879.
.....	7,510 per ann..	By Public Sale March 7, 1876.
.....	400 per ann..	By Resolution March 6, 1878.
.....	1,200 per ann..	By Resolutions May 15, 1873, and Decem- ber 15, 1875.
.....	9,000 per ann..	By the Mayor, &c., lease dated Decem- ber 6, 1867.
.....	2,500 per ann..	By Resolution March 11, 1874.
.....	12,000 per ann..	By Public Sale April 13, 1880.
.....	2,910 pe ann..	By Public Sale March 14, 1878.
.....	3,500 per ann..	By Public Sale March 22, 1881.
.....	300 per ann..	By Resolutions July 9 and 23, 1879.
.....	25,100 per ann..	By Commissioners, December 3, 1879, and Public Sale, April 13, 1880.



## (NORTH RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
North half Pier 29...	Erie Railway Co...	Feb. 1, 1870, to Feb. 1, 1881 now holding over .....
Pier 30 .....	Pavonia Ferry Co..	At pleasure of the Board...
Pier 31 and one-half of bulkhead on each side thereof .....	Erie Railway Co...	At pleasure of the Board...
Pier 32 and one-half of bulkhead on each side thereof .....	Erie Railway Co. (Assignee) .....	At pleasure of the Board...
Platforms on each side of Pier 32 at bulkhead...	Erie Railway Co...	At pleasure of the Board...
South half Pier 33 and half bulkhead adjoining.....	Providence & Ston- ington Steamship Co.....	At pleasure of the Board...
Platform north side Pier 33.....	Providence & Ston- ington Steamship Co.....	At pleasure of the Board...
North half Pier Old 34...	J. H. Tremper & S. D. Coykendall...	At pleasure of the Board...
Pier Old 35.....	Homer Ramsdell...	May 1, 1879, to removal new pier.....
Platform south side Pier Old 36.....	Bogert & Morgan, Agents.....	At pleasure of the Board...
Pier Old 36.....	Bogert & Morgan, Agents (Assignees) .....	Feb. 1, 1880, to removal New Pier.....
Pier New 26.....	Old Dominion Steam- ship Co .....	(Occupied from Jan. 1, 1881, May 1, 1881)..... May 1, 1881, to May 1, 1882

ad.

RENT.		RIGHT OF TENANCY.
etc., ated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$7,500 per ann..	By Commissioners of the Sinking Fund, lease dated January 18, 1870.
.....	15,000 per ann..	
.....	12,500 per ann..	(Holding over till completion of new work.)
.....	10,500 per ann..	
.....	1,500 per ann..	By Resolution September 1, 1873
.. . . .	10,000 per ann..	By Resolution April 6, 1876.
.....	350 per ann..	By Resolution July 5, 1872.
.....	7,050 per ann..	(Holding over under lease by Public Sale March 14, 1878.)
.....	15,000 per ann..	By Resolution November 27, 1878.
.. . . .	250 per ann..	By Resolution August 8, 1877.
.....	15,000 per ann..	By Resolutions November 27, 1878, and April 30, 1879.
per ann.	30,000 per ann..	By Resolutions August 14, 1878, and April 27, 1881; (also, May 11 and May 25, 1881).

## (NORTH RIVER.)

## RENT ROLL.

PROPERTY.	LESSEE OR COUTPANT	TERM OF TENANCY.
Pier Old 37. ....	Old Dominion Steamship Co. ....	To completion of new pier..
Pier Old 38 and North Battery.....	Pennsylvania R. R. Co. (Assignee)....	At pleasure of the Board....
Pier Old 39. ....	Associates of the Jersey Co., and A. Van Santvoord and H. P. Farrington.	May 1, 1879, to removal of new pier.....
Platform, north side, at Desorosses st. ....	New Jersey R. R. & Transportation Co.	At pleasure of the Board....
Pier Old 40 and bulkhead northerly.....	Harvey P. Farrington.....	May 1, 1873, to May 1, 1883..
Pier Old 42, except reservation for dump.....	Edgar W. Youmans.	At pleasure of the Board ...
Pier New 34 and one-half bulkhead each side...	Pacific Mail Steamship Co. ....	Sept. 1, 1874, to Sept. 1, 1884.
Pier New 35 and bulkhead northerly (formerly Old 43) .....	William R. Garrison.	May 1, 1873, to May 1, 1883..
Pier New 36.....	John G. Dale, Agent.	June 1, 1881, to June 1, 1891..
Pier New 37 (formerly Old 45).....	John G. Dale, Agent.	To completion of Pier No 36.....
Bulkhead between Piers New 37 and New 38	Booth & Edgar.....	At pleasure of the Board....
Pier New 38.....	Williams & Guion..	May 1, 1878, to May 1, 1888.

ued.

RENT.		RIGHT OF TENANCY.
as, etc., inated.	Leases, etc., in force on and after May 1st, 1881.	
for term..		By Resolution July 16, 1879 ( <i>and June 8, 1881</i> ).
.....	\$18,000 per ann..	(Holding over under lease by Commissioners of the Sinking Fund, May 31, 1869.)
.....	15,000 per ann..	By Resolution Nov. 27, 1878.
.....	1,000 per ann..	By Resolution Nov. 2, 1871.
.....	10,000 per ann..	By Resolution March 14, 1873.
.....	4,500 per ann..	(Holding over under lease by Public Sale March 13, 1879, and Resolution June 16, 1880.)
.....	45,000 per ann..	By Resolution July 23, 1874.
.....	22,500 per ann..	By Resolution April 24, 1873.
.....	30,000 per ann..	By Resolutions November 20, 1879, and April 27, 1881; ( <i>as amended June 22, 1881</i> ).
.....	15,000 per ann..	By Resolution November 20, 1879.
.....	1,000 per ann..	By Resolution June 28, 1876.
.....	30,000 per ann..	By Resolutions April 26, 1876, and January 30, 1878.

## (NORTH RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier New 39.....	Francis W. J. Hurst, (National S. S. Co., Limited).....	Feb. 1, 1878, to Feb. 1, 1888..
Pier New 40 (except use of water on north side).	Cunard Steamship Co. (Limited)....	May 1, 1879, to May 1, 1889..
Water, north side of Pier New 40.....	Cunard Steamship Co. (Limited)— Substituted.....	Nov. 1, 1880, to May 1, 1889..
Pier New 41 (except por- tions reserved).....	Citizens S. B. Co. of Troy.....	Season of 1880.....
Reclaimed land, south- erly of Pier New 42...	Hudson Tunnel Rail- way Co.....	Jan. 1, 1881, to Jan. 1, 1885....
Land under water, south- erly of Pier New 42...	Hudson Tunnel Rail- way Co.....	Jan. 1, 1881, to Jan. 1, 1886....
Pier New 42.....	Compagnie Générale Transatlantique..	Nov. 1, 1876, to Nov. 1, 1886..
Pier New 43.....	Old Dominion S. S. Co.....	At pleasure of the Board....
Bulkhead and slip be- tween Piers New 43 and New 44.....	Hoboken Land & Im- provement Co....	May 1, 1874, to May 1, 1884..
Piers New 44 and New 45, bulkhead between and one-half bulkhead north of New 45.....	Oceanic Steam Navi- gation Co.....	July 1, 1874, to July 1, 1884..
Pier New 46.....	Thomas Henderson,	May 1, 1878, to May 1, 1881..
Pier New 46.....	William Coverly...	May 1, 1881, to May 1, 1884..

*ued.*

RENT.		RIGHT OF TENANCY.
3, etc., nated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$30,000 per ann..	By Resolutions April 26, 1876, and January 30 and July 17, 1878.
.....	22,500 per ann..	By Resolutions April 26, 1876, and April 29, 1878.
.....	7,500 per ann..	By Resolutions April 26, 1876, and November 10, 1880
or term..	.....	By Resolution February 11, 1880.
.....	3,000 per ann..	By Resolution March 23, 1881.
.....	1,000 per ann. (from July 1, 1881)	By Resolution March 23, 1881.
.....	30,000 per ann..	By Resolution February 18, 1875.
per ann..	.....	By Resolutions August 14, 1878, and July 16, 1879.
.....	15,000 per ann..	By Resolution February 2, 1874.
.....	45,000 per ann..	By Resolution December 4, 1873.
per ann..	.....	By Resolutions May 15 and 22, and July 10, 1878.
.....	30,500 per ann..	By Public Sale, March 22, 1881.

## (NORTH RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier New 47 and bulkhead southerly....	Quebec and Gulf Ports S. S. Co. (Assignee).....	May 1, 1878, to May 1, 1881.
Pier New 47 and bulkhead southerly.....	Quebec Steamship Co.....	May 1, 1881, to May 1, 1886.
Bulkhead along easterly side of approach to Piers New 46 and New 47.....	Quebec and Gulf Ports S. S. Co. (Assignee).....	May 1, 1878, to May 1, 1881.
Bulkhead along easterly side of approach to Piers New 46 and New 47.....	Quebec Steamship Co.....	May 1, 1881, to May 1, 1886.
Bulkhead south of Pier 54.....	Wm. H. Christie..	May 1, 1878, to May 1, 1881.
Bulkhead south of Pier 54.....	Eugene G. Blackford,	May 1, 1881, to May 1, 1884.
Pier 54.....	Henry Miller, Jr...	May 1, 1878, to May 1, 1881.
Pier at 11th st. and bulkhead extension to west line of West st.....	Chas. E. Boardman,	May 1, 1879, to May 1, 1882.
Bulkhead at Bank st....	Knickerbocker Ice Co.....	May 1, 1878, to May 1, 1881.
Pier at Bethune st. (except reservation for Public Bath).....	Decker & Rapp....	May 1, 1878, to May 1, 1881.
Pier at Bethune st. (except reservation for Public Bath).....	Decker & Rapp....	May 1, 1881, to May 1, 1884.
Pier at Jane st.....	Decker & Rapp....	May 1, 1878, to May 1, 1881.
Pier at Jane st.....	Decker & Rapp....	May 1, 1881, to May 1, 1884.
Pier at Horatio st.....	William G. Schenck,	May 1, 1878 to May 1, 1881.
Pier at Horatio st.....	Consumers' Ice Co..	May 1, 1881, to May 1, 1884.

ued.

RENT.		RIGHT OF TENANCY.
as. etc. inated.	Leases, etc., in force on and after May 1st, 1881.	
per ann. ....		By Public Sale March 14, 1878, and Resolution July 23, 1879.
.....	\$14,000 per ann..	By Public Sale March 22, 1881.
per ann. ....		By Public Sale March 14, 1878, and Resolution July 23, 1879.
.....	3,200 per ann..	By Public Sale March 22, 1881.
per ann. ....		By Public Sale March 14, 1878.
.....	6,500 per ann..	By Public Sale April 8, 1881.
per ann. ....		By Public Sale March 14, 1878.
.....	4,500 per ann..	By Public Sale March 13, 1879.
per ann. ....		By Public Sale April 22, 1878.
per ann. ....		By Public sale March 14, 1878.
.....	605 per ann..	By Public Sale March 22, 1881.
per ann. ....		By Public Sale March 14, 1878.
.....	1,250 per ann..	By Public Sale March 29, 1881.
per ann. ....		By Public Sale March 14, 1878.
.....	1,050 per ann..	By Public Sale March 29, 1881.



## (NORTH RIVER.)

## RENT ROLL-

PROPERTY	LESSOR OR OCCUPANT.	TERM OF TENANCY.
Pier at Gansevoort st. with reservation to cancel, if required for new Public Market).	Daniel Shea.....	May 1, 1879, to May 1, 1882..
Bulkhead north of Pier at Gansevoort st.....	New York City Ice Co.....	May 1, 1878, to May 1, 1881..
Bulkhead north of Pier at Gansevoort st.....	New York City Ice Co.....	May 1, 1881, to May 1, 1884..
Pier north of Bloomfield st.....	Felix Dougherty...	May 1, 1878, to May 1, 1881..
Pier north of Bloomfield st.....	Felix Dougherty....	May 1, 1881, to May 1, 1884..
Bulkhead south of Pier at Little 12th st. (except reservation for use of hydrant).....	Drew & Bucki.....	May 1, 1878, to May 1, 1881..
Bulkhead south of Pier at Little 12th st. (ex- cept reservation for use of hydrant).....	Drew & Bucki.....	May 1, 1881, to May 1, 1884..
Pier at Little 12th st....	Drew & Bucki.....	May 1, 1878, to May 1, 1881..
Pier at Little 12th st....	Drew & Bucki.....	May 1, 1881, to May 1, 1884..
Platform at Bulkhead south of 13th st....	Drew & Bucki.....	At pleasure of the Board....
North half Pier at 13th st.	A. C. Cheney, Pres't.	May 1, 1878, to May 1, 1881..
Bulkhead at 14th st....	Mutual Benefit Ice Co	May 1, 1878, to May 1, 1881..
Bulkhead at 14th st. (ex- cept reservation to can- cel lease, if required for Ferry).....	John J. McCook....	May 1, 1881, to May 1, 1884..
Pier at 15th st.....	A. C. Cheney.....	May 1, 1878, to May 1, 1881..
Pier at 15th st.....	Mutual Benefit Ice Co	May 1, 1881, to May 1, 1884..
Pier at 16th st.....	A. C. Cheney.....	May 1, 1878, to May 1, 1881..
Pier at 16th st.....	Mutual Benefit Ice Co	May 1, 1881, to May 1, 1884..
Pier at 17th st.....	Manhattan Gas Light Co.....	May 1, 1878, to May 1, 1881..
Pier at 17th st.....	Manhattan Gas Light Co.....	May 1, 1881, to May 1, 1884..

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc. terminated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$1,500 per ann..	By Public Sale April 28, 1879.
\$1,250 per ann..	.....	By Public Sale March 14, 1878.
.....	2,000 per ann..	By Public Sale March, 22, 1881.
1,000 per ann..	.....	By Public Sale March 14, 1878.
.....	1,000 per ann..	By Public Sale April 8, 1881.
510 per ann..	.....	By Public Sale March 14, 1878.
.....	800 per ann..	By Public Sale March 22, 1881.
750 per ann..	.....	By Public Sale April 15, 1878.
.....	1,400 per ann..	By Public Sale March 22, 1881.
.....	500 per ann..	By Resolution Nov. 1, 1876.
500 per ann..	.....	By Public Sale March 14, 1878.
1,000 per ann..	.....	By Public Sale March 14, 1878.
.....	1,800 per ann..	By Public Sale March 22, 1881.
905 per ann..	.....	By Public Sale March 14, 1878.
.....	1,500 per ann..	By Public Sale, March 22, 1881.
700 per ann..	.....	By Public Sale March 14, 1878.
.....	1,400 per ann..	By Public Sale March 22, 1881.
2,000 per ann..	.....	By Public Sale March 14, 1878.
.....	3,500 per ann..	By Public Sale March 29, 1881.

## (NORTH RIVER.)

## RENT ROLL.

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier at 18th st . . . . .	Manhattan Gas Light Co . . . . .	May 1, 1878, to May 1, 1881.
Pier at 18th st . . . . .	Manhattan Gas Light Co . . . . .	May 1, 1881, to May 1, 1884.
Bulkhead at 19th st. . . . .	D. C. Newell & Sons. Terminated May 1, 1891. . . . .	
Pier at 20th st . . . . .	Knickerbocker Ice Co. . . . .	May 1, 1876, to May 1, 1886.
Extension to Pier at 20th st. . . . .	Knickerbocker Ice Co. . . . .	At pleasure of the Board. . . . .
Pier at 22d st. . . . .	A. Van Santvoord. . . . .	May 1, 1876, to May 1, 1886.
Extension to Pier at 22d st. . . . .	A. Van Santvoord. . . . .	June 20, 1876, to May 1, 1886.
Bulkhead at 23d st., with land under water covered by Ferry platform. . . . .	N. Y., Lake Erie & Western R. R. Co. . . . .	May 1, 1879, to May 1, 1889 (holding over). . . . .
Platform north of Ferry at 23d st. . . . .	Twenty-third street Railway Co. . . . .	At pleasure of the Board. . . . .
Pier at 24th st. . . . .	C. T. Van Santvoord. . . . .	Terminated November 1, 1880.
Pier at 25th st. . . . .	C. T. Van Santvoord, Agent. . . . .	Terminated November 1, 1880.
Pier at 26th st. . . . .	C. T. Van Santvoord, Agent . . . . .	Terminated November 1, 1880.
Pier at 30th st. . . . .	Thomas Fitzpatrick. . . . .	May 1, 1878, to May 1, 1881.
Site for Pier at 33d st. . . . .	N. Y. Central & Hudson R. R. Co. . . . .	Nov. 1, 1873, to Nov. 1, 1882.
Pier at 34th st. . . . .	Scott & Co. . . . .	May 1, 1878, to May 1, 1881.
Pier at 34th st. . . . .	Scott & Co. . . . .	May 1, 1881, to May 1, 1884.
Pier at 35th st. (reservation withdrawn). . . . .	Scott & Co. . . . .	May 1, 1880, to May 1, 1881.
Pier at 35th st. (except reservation for Public Bath). . . . .	Scott & Co. . . . .	May 1, 1881, to May 1, 1884.
Pier at 40th st. . . . .	James McClenahan. . . . .	May 1, 1878, to May 1, 1881.

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1881.	
2,000 per ann..		By Public Sale March 14, 1878.
.....	\$3,500 per ann..	By Public Sale March 29, 1881.
200 per ann..		By Public Sale May 6, 1879.
.....	1,505 per ann..	By Public Sale April 21, 1876.
.....	250 per ann..	By Resolution November 26, 1879.
.....	1,410 per ann..	By Public Sale April 21, 1876.
.....	250 per ann..	By Resolution May 10, 1876, and March 2, 1881.
.....	500 per ann..	By Public Sale April 28, 1879.
.....	400 per ann..	By Resolutions May 2 and 15, 1877, and October 23, 1878.
4,000 per ann..		By Public Sale April 15, 1878.
11,500 per ann..		By Public Sale March 14, 1878.
750 per ann..		By Public Sale April 22, 1878.
1,800 per ann..		By Public Sale April 22, 1878.
.....	5,000 per ann..	By Resolution September 13, 1873.
2,020 per ann..		By Public Sale March 14, 1878.
.....	5,000 per ann..	By Public Sale March 22, 1881.
3,850 for term.		By Public Sale April 13, 1880, and Reso- lution May 19, 1880.
.....	4 500 per ann..	By Public Sale March 29, 1881.
1,500 per ann..		By Public Sale April 15, 1878.

## (NORTH RIVER.)

## RENT ROLL.

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier at 40th st. ....	James McClenahan..	May 1, 1881, to May 1, 1884.
Extension to Pier at 43d st. ....	Knickerbocker Ice Co. At pleasure of the Board....	
Pier at 46th st. ....	John H. Benner....	Aug. 1, 1873, to May 1, 1881
Pier at 47th st. (except reservation for dump)	Thomas Fitzpatrick.	May 1, 1875, to May 1, 1881
Pier at 51st st. ....	Martin Karl.....	May 1, 1878, to May 1, 1881
Bulkhead at 52d st. ....	Canda, Kane & Duke	May 1, 1879, to May 1, 1882
Pier at 55th st. (except reservation south side)	Western Union Tele- graph Co. ....	May 1, 1880, to May 1, 1881
Pier at 55th st. (except reservation south side)	Western Union Tele- graph Co. ....	May 1, 1881, to May 1, 1882
Pier at 57th st. ....	Frederick Schecker.	May 1, 1880, to May 1, 1881
Pier at 57th st. ....	Frederick Schecker.	May 1, 1881, to May 1, 1882
Pier at 58th st. ....	Union Stock Yard & Market Co. ....	May 1, 1881, to May, 1886...
Site for Pier at 59th st. .	N. Y. Central & Hud- son R. R. Co. .	Nov. 1, 1877, to Nov. 1, 1887
Land under water be- tween 60th and 65th sts. (for erection of two piers) .....	N. Y. Central & Hud- son R. R. Co. .	Aug. 1, 1874, to Aug. 1, 1884
Land under water be- tween south line of 65th and south line of 72d sts., westerly, to estab- lished pier line of 1868.	N. Y. Central & Hud- son R. R. Co. .	May 1, 1880, to May 1, 1890.
Pier at 79th st. (except reservation for City material).....	Thomas Fitzpatrick; (2d). ....	May 1, 1879, to May 1, 1882.
Pier at 96th st. ....	Theodore F. Tone..	May 1, 1873, to May 1, 1881.
Pier at 129th st. (except, reservation for dump).	Theodore F. Tone..	May 1, 1873, to May 1, 1881.

*ued.*

RENT.		RIGHT OF TENANCY.
, etc., inated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$4,500 per ann..	By Public Sale March 22, 1881.
.....	100 per ann..	By Resolutions Sep. 25 and Nov. 21, 1873
per ann..	.....	By Public Sale July 25, 1878.
per ann..	.....	By Public Sale April 22, 1878.
per ann..	.....	By Public Sale April 15, 1878.
.....	365 per ann..	By Public Sale April 28, 1879.
per ann..	.....	By Public Sale April 13, 1880.
.....	1,000 per ann..	By Public Sale March 29, 1881.
per ann..	.....	By Public Sale April 13, 1880.
.....	3,350 per ann..	By Public Sale March 22, 1881.
.....	5,000 per ann..	By Resolution March 9, 1881.
.....	1,000 per ann..	By Resolutions August 16, 1876, and November 7, 1877.
.....	5,000 per ann..	By Resolution June 22, 1874.
.....	17,500 per ann..	By Resolution April 28, 1880.
.....	400 per ann..	By Public Sale March 13, 1879.
per ann..	.....	By Public Sale April 15, 1878.
per ann..	.....	By Public Sale April 15, 1878.

## (NORTH RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier at 129th st. ....	Mut'l Benefit Ice Co.	May 1, 1881, to May 1, 1884
Bulkhead between south- ery line of 130th st. and Pier at 131st st. . .	Mutual Benefit Ice Co	May 1, 1878, to May 1, 1881
Bulkhead extension at 130th st. except reser- vation of water for Ferry. ....	Theodore F. Tone. .	May 1, 1881, to May 1, 1884
Pier at 131st st. and bulkhead northerly to retaining wall. ....	Theodore F. Tone. .	June 1, 1878, to June 1, 1881
Pier at 131st st., bulk- head northerly to re- taining wall, and bulk- head platform south- ery except reserva- tion for Public Bath. .	Theodore F. Tone. .	June 1, 1881, to June 1, 1884
Pier at 132d st. ....	Theodore F. Tone. .	May 1, 1878, to May 1, 1881
Pier at 132d st. ....	William D. Brown. .	May 1, 1881, to May 1, 1884

## EAST RIVER.

Bulkhead, etc., west of Pier 1. ....	Staten Island Ry Co.	Nov. 1, 1877, to Nov. 1, 1880
Pier 1 and 4 1/2 ft. bulk- head easterly. ....	John H. Starin (As- signee). ....	May 1, 1874, to May 1, 1880
East half Pier 4, west half Pier 5, and bulk- head between. ....	N. Y. Central & Hud- son R. R. R. Co.	May 1, 1876, to May 1, 1880
Platform at bulkhead be- tween Piers 4 and 5, etc.	N. Y. Central & Hud- son R. R. R. Co. .	May 1, 1876, to May 1, 1880
East half Pier 5, west half Pier 6, and bulk- head between. ....	N. Y. Central & Hud- son R. R. R. Co .	May 1, 1876, to May 1, 1880

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1, 1881.	
.....	\$560 per ann..	By Public Sale March 22, 1881.
\$250 per ann..	.....	By Public Sale April 15, 1878.
.....	300 per ann..	By Public Sale March 29, 1881.
.....	750 per ann..	By Public Sale April 15, 1878.
.....	900 per ann..	By Public Sale March 29, 1881.
25 per ann..	.....	By Public Sale March 14, 1878.
.....	100 per ann..	By Public Sale March 22, 1881.
.....	\$4,200 per ann..	By Public Sale, October 25, 1877.
.....	10,000 per ann..	By Resolution January 19, 1874.
.....	6,010 per ann..	By Public Sale March 7, 1876.
.....	800 per ann..	By Resolutions May 10 and 16, and June 28, 1876.
.....	9,000 per ann..	By Public Sale March 7, 1876.



## (EAST RIVER.)

## RENT ROLL.

PROPERTY.	LESSEE OR CONTRACT.	TERM OF TENANCY.
East half Pier 4 and bulkheads adjoining	John H. Sturtin	May 1, 1878, to May 1, 1886.
Pier 7	N. Y. Lake Erie & Western R. R. Co.	May 1, 1878, to May 1, 1881.
Pier 7 except reservation of right to fill-in.	N. Y. Lake Erie & Western R. R. Co.	May 1, 1881, to May 1, 1884.
West half Pier 8 and bulkheads adjoining.	Erie Railway Co. Assignee	Feb. 1, 1878, to May 1, 1881.
West half Pier 8 and bulkheads adjoining except reservation of right to fill-in.	N. Y. Lake Erie & Western R. R. Co.	May 1, 1881, to May 1, 1884.
West half Pier 12 and bulkhead adjoining.	David Whipple (Assignee)	May 1, 1878, to May 1, 1881.
East half Pier 18, except outer end.	William D. Morgan	May 1, 1879, to May 1, 1884.
Bulkhead and platform between Piers 18 and 19.	John E. Stow (Assignee)	May 1, 1878, to May 1, 1881.
Bulkhead and platform between Piers 18 and 19.	John E. Stow	May 1, 1881, to May 1, 1884.
West half Pier 19.	Alexander Mason	May 1, 1878, to May 1, 1881.
Platform south of Pier 20.	C. H. Mallory & Co.	At pleasure of the Board.
East half Pier 20.	C. H. Mallory & Co.	Aug. 15, 1878, to Aug. 15, 1880.
Bulkhead between Piers 20 and 21.	Henry H. Huelat	May 1, 1879, to May 1, 1882.
West half Pier 21.	Thomas O'Rourke	May 1, 1878, to May 1, 1881.
West half Pier 21.	C. H. Mallory & Co.	May 1, 1881, to May 1, 1886.

ued.

RENT.		RIGHT OF TENANCY.
s, etc., inated.	Leases, etc., in force on and after May 1, 1881.	
.....	\$5,600 per ann.	By Public Sale April 15, 1878, and Reso- lution Feb. 12, 1879.
per ann..	.....	By Public Sale April 22, 1878.
.....	9,000 per ann..	By Public Sale March 22, 1881.
per ann..	.....	By Public Sale January 25, 1876.
.....	9,000 per ann..	By Public Sale March 22, 1881.
per ann..	.....	By Public Sale March 14, 1878, and Resolution November 6, 1878.
.....	4,000 per ann..	By Public Sale March 13, 1879.
per ann..	.....	By Public Sale April 15, 1878, and Reso- lution May 29, 1878.
.....	500 per ann..	By Public Sale March 22, 1881.
per ann..	.....	By Public Sale March 14, 1878.
.....	200 per ann..	By Resolution March 27, 1878.
.....	5,000 per ann..	By Public Sale March 14, 1878.
.....	2,500 per ann..	By Public Sale March 13, 1879.
per ann..	.....	By Public Sale March 14, 1878.
.....	5,200 per ann..	By Public Sale March 22, 1881.

## (EAST RIVER.)

RE:

PROPERTY.	LESSEES OR OCCUPANT.	TERM OF T
One-half of east half Pier 22, one-half of west half Pier 23, bulkhead between, and appurtenances.....	Fulton Market Fish Mongers' Ass'n...	May 1, 1879, to M
Outer half east side Pier 22.....	Morrisania Steamboat Co.....	May 1, 1879, to M
Outer 211 feet of west side Pier 23.....	John H. Lynch.....	June 1, 1879, to J
East half Pier 24 and half bulkhead adjoining.....	Hartford and N. Y. Steamboat Co.....	May 1, 1876, to M
East half Pier 24 and half bulkhead adjoining.....	Hartford and N. Y. Steamboat Co.....	May 1, 1881, to M
West half Pier 25 and half bulkhead adjoining.....	New Haven Steamboat Co.....	May 1, 1876, to M
West half Pier 25 and half bulkhead adjoining.....	New Haven Steamboat Co.....	May 1, 1881, to M
East half Pier 25, west half Pier 26, and bulkhead between.....	New Haven Steamboat Co.....	May 1, 1879, to M
Bulkhead and slips east of wharf property of the Bridge Company at Roosevelt street.....	New York Ferry Co.....	June 14, 1878, to
East half Pier 31, west half Pier 32, and bulkhead between.....	East River Ferry Co.....	May 1, 1878, to M

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$6,500 per ann..	By Public Sale March 18, 1879.
.....	1,500 per ann..	By Public Sale March 13, 1879.
.....	2,125 per ann..	By Public Sale March 13, 1879.
.....	\$5,710 per ann..	By Public Sale March 7, 1876.
.....	6,500 per ann..	By Public Sale March 29, 1881.
.....	5,510 per ann..	By Public Sale March 7, 1876.
.....	6,500 per ann..	By Public Sale March 29, 1881.
.....	4,500 per ann..	By Public Sale March 13, 1879.
.....	10,000 per ann..	By Public Sale June 14, 1878.
.....	2,500 per ann..	By Public Sale April 19, 1878.

## (EAST RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
East half Pier 33, west half Pier 34, and bulkhead between . . . . .	Philadelphia & New York Steam Navigation Co. . . . .	May 1, 1876, to May 1, 1881.
East half Pier 33, west half Pier 34, and bulkhead between . . . . .	Thomas Clyde. . . . .	May 1, 1881, to May 1, 1886.
Platform between Piers 35 and 36. . . . .	S. F. Shortland & Brother. . . . .	At pleasure of the Board.
Widening east side and extension Pier 36. . . . .	Geo. H. Penniman. . . . .	Nov. 1, 1878, to May 1, 1889.
Pier 37 and part bulkheads adjoining (except reservation for dump). . . . .	Central Vermont R. R. and S. B. Co. . . . .	May 1, 1880, to May 1, 1883.
Pier 38 and half bulkhead westerly. . . . .	Maine Steamship Co. . . . .	May 1, 1876, to May 1, 1881, and 5 days' notice.
Platform between Piers 38 and 39. . . . .	Peter Charles. . . . .	At pleasure of the Board.
Pier 40 and half bulkhead easterly. . . . .	Frank and Howard Phelps. . . . .	May 1, 1877, to May 1, 1882.
Pier 40 and half bulkhead easterly. . . . .	Frank Phelps. . . . .	May 1, 1882, to May 1, 1887.
Platform east of Pier 40. . . . .	Phelps Brothers & Co. . . . .	Feb. 1, 1879, to May 1, 1882.
Pier 41 and part bulkhead each side. . . . .	Inland and Seaboard Coasting Co. . . . .	May 1, 1879, to May 1, 1884.
One-ninth part Pier 42. . . . .	William F. Buckley. . . . .	May 1, 1879, to May 1, 1882.
Pier 43, except inner half west side. . . . .	Joseph Cooper. . . . .	May 1, 1878, to May 1, 1881.
Pier 43, except inner half west side. . . . .	Fred'k W. Wright. . . . .	May 1, 1881, to May 1, 1884.
Pier 44 and bulkhead westerly. . . . .	Alexander Mason. . . . .	May 1, 1878, to May 1, 1881.

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RENT.		
es, etc., inated.	Leases, etc., in force on and after May 1, 1881.	RIGHT OF TENANCY.
per ann..	.....	By Public Sale March 7, 1876.
.....	\$13,000 per ann..	By Public Sale March 29, 1881.
.....	50 per ann..	By Resolution May 2, 1877.
.....	700 per ann..	By Public Sale December 16, 1878.
.....	4,000 per ann..	By Public Sale April 13, 1880.
.....	7,510 per ann..	By Public Sale March 7, 1876, ( <i>and Reso- lution May 11, 1881</i> ).
.....	400 per ann..	By Resolution June 16, 1875.
.....	5,010 per ann..	By Public Sale March 12, 1877.
.....	9,000 per ann..	By Public Sale March 29, 1881.
.....	100 per ann..	By Resolution December 7, 1878.
.....	5,500 per ann..	By Public Sale July 25, 1878.
.....	250 per ann..	By Public Sale March 13, 1879.
per ann..	.....	By Public Sale April 15, 1878.
.....	3,500 per ann..	By Public Sale March 22, 1881.
per ann..	.....	By Public Sale April 15, 1878.

## (EAST RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier 44 and bulkhead westerly.....	Alexander Mason...	May 1, 1881. to May 1, 1884.
Pier 46.....	Joseph V. Brown...	May 1, 1878. to May 1, 1881.
Pier 48.....	William Coverly....	May 1, 1881. to May 1, 1884.
Pier 48.....	Thomas C. Burke....	May 1, 1876. to May 1, 1881.
Platform between Piers 49 and 50.....	Glen Cove Starch Manufacturing Co.	At pleasure of the Board....
Platform at bulkhead south of Pier 50.....	New York, New Haven & Hartford R. R. Co.....	At pleasure of the Board....
Platform between Piers 50 and 51.....	Harlem River & Port Chester R. R. Co..	At pleasure of the Board....
East half Pier 51, west half Pier 52, and bulk- head, etc., between: (except reservation for Bath at Pier 51) . . .	Joseph V. Brown ..	May 1, 1879. to May 1, 1882.
Bulkhead at Corlears st.	Ezra Quimby.....	May 1, 1879. to May 1, 1882.
South half Pier 55 (ex- cept outer end), and about 54 feet bulkhead adjoining.....	East River Bathing Co.....	Nov. 1, 1879. to Nov. 1, 1882.
North half Pier 56, south half Pier 57, and bulk- head between.....	William H. Wood...	May 1, 1879. to May 1, 1882.
North half Pier 58 and half bulkhead adjoin- ing.....	Caril Smith & Son..	June 1, 1878. to June 1, 1881.
South half Pier 59 and half bulkhead adjoin- ing.....	Knickerbocker Ice Company.....	June 1, 1878. to June 1, 1881 and 1 month's notice.....
Bulkhead (188 feet) on Tompkins st., north of Rivington st. ....	Joseph V. Brown....	May 1, 1880. to May 1, 1883.

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RENT.		RIGHT OF TENANCY.
ses, etc., minated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$7,000 per ann..	By Public Sale March 29, 1881.
0 per ann..	.....	By Public Sale April 15, 1878.
.....	7,500 per ann..	By Public Sale March 22, 1881.
0 per ann..	.....	By Public Sale March 7, 1876.
.. .....	1,000 per ann..	By Resolution November 22, 1880.
.....	4,000 per ann..	By Resolution May 26, 1880.
.....	1,500 per ann..	By Resolutions May 7, 1874, and Novem- ber 6, 1879.
.....	1,000 per ann..	By Public Sale March 13, 1879.
.....	100 per ann..	By Public Sale April 28, 1879.
.....	800 per ann..	By Public Sale April 28, 1879.
.....	1,500 per ann..	By Public Sale March 13, 1879.
.....	1,000 per ann..	By Public Sale March 14, 1878.
.....	1,000 per ann..	By Public Sale March 14, 1878, and Resolution March 30, 1881.
.....	500 per ann..	By Public Sale April 13, 1880.



## (EAST RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier 60 and bulkhead westerly, from north side to Tompkins st...	Joseph V. Brown...	May 1, 1878, to May 1, 1881
Pier 60 and bulkhead westerly, from north side to Tompkins st...	Joseph Cooper ....	May 1, 1881, to May 1, 1884
Pier 61 and fifty-five feet bulkhead northerly, except reservation for dump; (part unpos- sessed).....	Isaac Fowler.....	May 1, 1878, to May 1, 188
Pier 61 and fifty-five feet bulkhead northerly (except reservations for night-soil boat and dump).....	Benjamin Wright...	May 1, 1881, to May 1, 188
North half Pier 62.....	Mutual Benefit Ice Company.....	May 1, 1878, to May 1, 188
North half Pier 62.....	Mutual Benefit Ice Company.....	May 1, 1881, to May 1, 188
Bulkhead, etc., at and south of Houston st...	Nassau Ferry Co....	Nov. 1, 1878, to May 1, 188
Site for Pier, 130 feet south of Houston st...	Nassau Ferry Co....	May 1, 1879, to May 1, 189
Berth for Bath at Pier at 3d st.....	East River Bathing Co .....	Season of 1880.....
Berth at Pier at 3d st...	John A. Cooley....	Season of 1880,.....
Pier at 5th st. (except reservations for Bath and dump).....	Joseph V. Brown .	May 1, 1879, to May 1, 188
Bulkhead at 14th st....	Manhattan GasLight Co.....	May 1, 1878, to May 1, 1881
Bulkhead at 14th st....	Daniel Dailey.....	May 1, 1881, to May 1, 1884
Bulkhead at 15th st....	Manhattan GasLight Co.....	May 1, 1878, to May 1, 1881
Bulkhead at 15th st....	Manhattan GasLight Co .....	May 1, 1881, to May 1, 1884

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RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st. 1881.	
1850 per ann. ....		By Public Sale March 14, 1878.
.....	\$2,750 per ann. ..	By Public Sale March 22, 1881.
875 per ann. ....		By Public Sale March 14, 1878, and Comp- troller January 17, 1880.
.....	1,000 per ann. ....	By Public Sale March 22, 1881.
600 per ann. ....		By Public Sale April 15, 1878.
.....	900 per ann. ....	By Public Sale March 22, 1881.
.....	2,000 per ann. (for first five yrs)	By Public Sale December 16, 1878.
.....	300 per ann. ....	By Resolution January 8, 1879.
20 for term. ....		By Commissioners August 22, 1879, etc.
20 for term. ....		By Commissioners.
.....	800 per ann. ....	By Public Sale March 13, 1879.
600 per ann. ....		By Public Sale March 14, 1878.
.....	550 per ann. ....	By Public Sale April 8, 1881.
600 per ann. ....		By Public Sale March 14, 1878.
.....	900 per ann. ....	By Public Sale March 22, 1881.

## (EAST RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Bulkhead at 20th st. ....	Farmers' Protective Union .....	May 1, 1879, to May 1, 1881
Pier at 23d st. (except reservations of outer end and berth for School-ship) ....	N. Y. and Manhattan Beach Railway Co. ....	May 1, 1879, to May 1, 1881
Bulkhead north of 23d st. ....	Greenpoint Ferry Co. ....	Aug. 1, 1877, to Aug. 1, 1881
Bulkhead south of 24th st., north of Ferry premises .....	Joseph V. Brown. ....	June 1, 1878, to June 1, 1881
Bulkhead south of 24th st., north of Ferry premises .....	Greenpoint Ferry Co. ....	June 1, 1881, to June 1, 1882
Pier at 26th st. ....	Edwin L. Carpenter. ....	May 1, 1879, to May 1, 1881
Pier at 28th st. ....	Thomas Fitzpatrick. ....	May 1, 1879, to May 1, 1881
Pier at 28th st. ....	Joseph V. Brown. ....	May 1, 1881, to May 1, 1882
Bulkhead at 29th st. ....	Mark Goodwin. ....	May 1, 1880, to May 1, 1881
Bulkhead at 30th st. ....	Oscar E. Hawxhurst. ....	May 1, 1880, to May 1, 1881
Bulkhead at 30th st. ....	Edward Dexter. ....	May 1, 1881, to May 1, 1882
Pier at 31st st. ....	Joseph V. Brown. ....	May 1, 1881, to May 1, 1882
Pier at 33d st., except outer end. ....	Knickerbocker Ice Co. ....	May 1, 1878, to May 1, 1881
Outer end Pier at 33d st. ....	L. I. North Shore Passenger and Freight Transportation Co. ....	At pleasure of the Board.
South half and outer end Pier at 33d st. ....	Knickerbocker Ice Co. ....	May 1, 1881, to May 1, 1882
North half Pier at 33d st., (except reservation of outer end) ....	East River Ferry Co. ....	May 1, 1881, to May 1, 1882
Bulkhead at 34th st. ....	East River Ferry Co. ....	Nov. 1, 1877, to Nov. 1, 1881
Bulkhead at 35th st. ....	Garret L. Schuyler. ....	May 1, 1880, to May 1, 1881
Bulkhead at 35th st. ....	Garret L. Schuyler. ....	May 1, 1881, to May 1, 1882
Bulkhead at 36th st. ....	Popham & Co. ....	May 1, 1880, to May 1, 1881
Bulkhead at 36th st. ....	Popham & Co. ....	May 1, 1881, to May 1, 1882
Pier at 37th st. (except reservation for Public Bath) ....	John Nesbit. ....	May 1, 1878, to May 1, 1881

*Continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$425 per ann...	By Public Sale March 13, 1879.
.....	.....	.....
.....	2,850 per ann...	By Public Sale March 13, 1879.
.....	2,501 per ann...	By Public Sale October 11, 1877.
.....	.....	.....
.....	600 per ann...	By Public Sale April 15, 1878.
.....	.....	.....
.....	4,100 per ann...	By Public Sale March 22, 1881.
.....	1,190 per ann...	By Public Sale April 28, 1879.
100 per ann...	.....	By Public Sale March 13, 1879.
.....	1,000 per ann...	By Public Sale March 29, 1881.
200 per ann...	.....	By Public Sale April 13, 1880.
200 per ann...	.....	By Public Sale March 22, 1881.
.....	250 per ann...	By Public Sale March 22, 1881.
.....	2,250 per ann...	By Public Sale March 29, 1881.
.....	.....	.....
900 per ann...	.....	By Public Sale March 14, 1878.
.....	.....	.....
50 per mo...	.....	By Commissioners April 1, 1879.
.....	.....	.....
.....	1,500 per ann...	By Public Sale March 29, 1881.
.....	.....	.....
.....	1,000 per ann...	By Public Sale May 27, 1880.
.....	2,000 per ann...	By Public Sale September 6, 1877.
200 per ann...	.....	By Public Sale April 13, 1880.
.....	400 per ann...	By Public Sale March 29, 1881.
250 per ann...	.....	By Public Sale April 13, 1880.
.....	400 per ann...	By Public Sale March 29, 1881.
.....	.....	.....
500 per ann...	.....	By Public Sale March 14, 1878.

## (EAST RIVER.)

## RENT ROLL

PROPERTY.	LESSEE OR OCCUPANT.	TERM OF TENANCY.
Pier at 37th st. (except reservation for Bath)..	Daniel T. Robertson.	May 1, 1881, to May 1, 1884.
Pier at 38th st. (except reservation for dump)..	Isaac Fowler. ....	May 1, 1878, to May 1, 1881.
Pier at 38th st. (except reservation for dump)..	Benjamin Wright...	May 1, 1881, to May 1, 1884.
Bulkhead at 39th st.....	Watrous & Willson.	May 1, 1879, to May 1, 1881.
Bulkhead at 42d st.....	Truman Eldridge...	May 1, 1881, to May 1, 1882.
Bulkhead at 43d st.....	Michael Kane.....	Sept. 1, 1879, to Sept. 1, 1882.
Extension to bulkhead at 45th st. (for stone dump).....	Schwarzschild & Sulzberger.....	May 1, 1879, to May 1, 1882.
Bulkhead at 47th st.....	Owens & Co.....	May 1, 1879, to May 1, 1881.
Bulkhead at 47th st.....	Owens & Co.....	May 1, 1881, to May 1, 1882.
Bulkhead at 48th st.....	Thomas B. Tweddle.	May 1, 1878, to May 1, 1881.
Bulkhead at 48th st.....	Thomas B. Tweddle.	May 1, 1881, to May 1, 1882.
Bulkhead and stone dump at 49th st.....	Geo. W. Powe & Co..	May 1, 1879, to May 1, 1881.
Bulkhead and stone dump at 49th st.....	John H. Benner....	May 1, 1881, to May 1, 1882.
Bulkhead at 51st st.....	Charles H. Longstreet (Assignee).	July 1, 1877, to July 1, 1887.
Site for Pier at 51st st..	Morrisania Steamboat Co. ....	Jan. 1, 1878, to July 1, 1887.
Pier at 53d st .....	Charles H. Eldridge and C. H. Warren.	Dec. 1, 1878, to May 1, 1882.
Pier at 54th st.....	Mutual Benefit Ice Co.....	May 1, 1879, to May 1, 1882.
Site for bulkhead between 56th and 57th sts.....	Schmitt & Koehne..	At pleasure of the Board....
Site for Platform, etc., north of 62d st.....	Jabez A. Bostwick..	At pleasure of the Board....
Site for Platform at 62d st.....	John Fagan....	At pleasure of the Board....
Site for Platform, etc., south of 63d st.....	Ehrenreich Brothers	At pleasure of the Board....

*red.*

RENT.		RIGHT OF TENANCY.
s, etc., nated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$800 per ann.	By Public Sale March 22, 1881.
per ann.	.....	By Public Sale April 15, 1878.
.....	600 per ann.	By Public Sale March 22, 1881.
per ann.	.....	By Public Sale April 28, 1879.
.....	300 per ann.	By Public Sale April 8, 1881.
.....	200 per ann.	By Public Sale April 28, 1879.
.....	100 per ann.	By Public Sale March 13, 1879.
per ann.	.....	By Public Sale May 6, 1879.
.....	300 per ann.	By Public Sale March 22, 1881.
per ann.	.....	By Public Sale March 14, 1878.
.....	400 per ann.	By Public Sale March 29, 1881.
per ann.	.....	By Public Sale April 28, 1879.
.....	300 per ann.	By Public Sale April 8, 1881.
per ann.	.....	By Public Sale June 6, 1877, and Resolu- tion August 7, 1878.
per ann.	.....	By Resolution December 19, 1877.
.....	600 per ann.	By Public Sale July 25, 1878, and Reso- lution April 2, 1879.
.....	500 per ann.	By Public Sale March 13, 1879.
.....	50 per ann.	By Resolution April 27, 1877.
.....	200 per ann.	By Resolutions March 20 and December 24, 1878.
.....	75 per ann.	By Resolution September 15, 1875.
.....	100 per ann.	By Resolutions April 24 and December 24, 1878.

## (EAST RIVER.)

## RENT ROLL.

PROPERTY	LESSOR OR OCCUPANT.	TERM OF TENANCY.
Site for Platform at 62d st	Neidlinger, Schmidt & Co.	June 1, 1874, to June 1, 1884
Site for bulkhead be- tween 68d and 64th sts	Neidlinger, Schmidt & Co.	May 1, 1874, to May 1, 1884.
Site for bulkhead at 74th st	Thomas Patten	At pleasure of the Board.
Pier at 70th st.	Frank E. Wise	May 1, 1878, to May 1, 1881
Pier at 70th st	Frank E. Wise	May 1, 1881, to May 1, 1884
Site for Platform between 70th and 80th sts	Murphy & Nesbit	May 1, 1878, to termination occupancy of upland.
Pier or bulkhead at 86th st	John H. Baxter	May 1, 1880, to May 1, 1881.
Pier or bulkhead at 86th st	John H. Baxter	May 1, 1881, to May 1, 1884
Bulkhead at 92d st, and wharf property at Ful- ton st, Astoria	Astoria Ferry Co.	November 1, 1877, to Novem- ber 1, 1882
Bulkhead at and south of 92d st	Thomas Patten	May 1, 1880, to May 1, 1881.
Bulkhead at and south of 92d st	Thomas Patten	May 1, 1881, to May 1, 1884.

## HARBOR RIVER.

Pier or platform at 130th st	Harmon & N. Y. Nav- igation Co.	May 1, 1879, to May 1, 1883
Booth for boat, north side, Pier at 130th st.	Edward McDrash and Robert H. Smith	At pleasure of the Board.
Booth on north shore of Harbor and Third avenue bridge.	Adolph L. Koser	May 1, 1878, to May 1, 1881

*continued.*

RENT.		RIGHT OF TENANCY.
Leases, etc., terminated.	Leases, etc., in force on and after May 1st, 1881.	
.....	\$250 per ann..	By Resolution May 28, 1874
.....	50 per ann..	By Resolution February 12, 1874.
.....	100 per ann..	By Resolution November 21, 1877.
\$350 per ann..	.....	By Public Sale April 22, 1878.
.....	975 per ann..	By Public Sale March 22, 1881.
.....	100 per ann..	By Resolution May 3, 1878.
\$300 per ann..	.....	By Public Sale April 13, 1880.
.....	700 per ann..	By Public Sale March 22, 1881.
.....	250 per ann..	By Public Sale July 12, 1878.
\$500 per ann..	.....	By Public Sale April 13, 1880.
.....	800 per ann..	By Public Sale March 22, 1881.
.....	\$400 per ann..	By Public Sale March 13, 1879.
.....	25 per qr...	By Resolution April 24, 1878.
\$300 per ann..	.....	By Public Sale March 14, 1878.

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REPORT

OF THE

**ENGINEER-IN-CHIEF.**



## DEPARTMENT OF DOCKS.

117 AND 119 DUANE STREET.

OFFICE OF THE ENGINEER-IN-CHIEF,

NEW YORK, 1st May, 1881.

EUGENE T. LYNCH, Esq.,

*Secretary of the Board of Docks:*

SIR,—I have the honor to submit for the consideration of the Board of Commissioners governing this Department, the following report of the several works under my supervision during the year ending April 30, 1881:

### NORTH RIVER.

#### *Sections South of Canal Street.*

BATTERY SECTION.—Embracing the Boat Landing, Pier New 1, North River, and about 80 feet of Bulkhead north of Pier New 1.

Some repairs have been made to the Boat Landing, grass seed has been sown upon the land facing it, and sundry repairs have been made to fender piles upon the pier.

The lease of Pier New 1 was sold at auction March 22, 1881, to the Iron Steamboat Company, and under permit from the Board, the company is engaged in building a two-storied wooden shed upon the pier.

CHAMBERS STREET SECTION.—Extending from the north side of Pier Old 29, to 91.70 feet north of the north side of Pier New 21, a distance of 651.70 feet.

Length of piling for the year. . . . .	245.77 feet ; to date, 607.50 feet		
“ base blocks for the year. . . . .	243.69 “ “	603.42 “	
“ “ E ” course of granite for the year. . . . .	158.32 “ “	492.25 “	
Equivalent length of completed wall for the year. . . . .	229.40 “ “	589.40 “	

Work upon this section has been continued during the year, and the wall is virtually completed to the north side of Pier New 21, with the exception of placing the coping between Piers New 20 and New 21, in case it should be desired by the lessee. The brick sewer through the wall at the middle of Pier New 21 is not finished, and some work remains to be done upon the sewer-box between the wall and the old wooden bulkhead of West street. Filling behind the wall began April 16, and the whole should be ready for use in about two months.

PIER New 21.—The building of this large pier was let, by contract, to Messrs. Ross & Sanford May 12, 1880, and it is now very nearly finished. The New York, Lake Erie and Western Railroad Company, the lessee, is building a shed upon the pier, which is well advanced toward completion.

The Bureau of Sewers of the Department of Public Works having planned an outlet for the marginal sewer to be built along West street, at the foot of Duane street, where Pier New 21 is situated, a brick sewer was built through the masonry of the wall, and as far in the rear of the masonry as the rip-rap embankment extends, and a wooden tube was built under the pier from the brick sewer in the wall to the outer end of the pier, to convey the sewage to the outer end of the pier. The form of this tube is oval, with the longest diameter horizontal. It is built of three-inch creosoted spruce, banded with heavy galvanized iron

every three feet, and is securely braced and fastened where it passes through the transverse rows of the piles. This sewer-box is an improvement upon that built under Pier New 40 in 1879, in that its shape offers much less resistance to the current and to the passage of floating substances.

The dredging for the North Moore street section, which section extends from a point about half way between North Moore street and Franklin street, to a point about 21 feet south of the south side of Pier New 26, is ready to be begun. It is intended, in this vicinity, to build the wall at Laight street section southerly to meet the Beach street section, and to build the North Moore street section of wall, southerly from the Beach street section as above. When this is completed, there will be left a gap between it and the Chambers street section of about 800 feet, to be built as the next work south of Canal street.

**BEACH STREET SECTION.**—Extending from 21 feet south of the south side of Pier New 26, to 95 feet north of the north side of Pier New 26, a distance of 196 feet,

Length of piling for the year .....	147.00	feet ; to date,	172.00	feet.
“ of base blocks for the year ...	168.83	“ “	168.83	“
“ “E” course of granite for the				
year .....	121.02	“ “	121.02	“
Equivalent length of completed wall for				
the year .....	138.90	“ “	167.90	“

The wall at this section, for which only the dredging and a few feet of piling had been done at the date of my last annual report, has been finished for the width of Pier New 26, the filling placed behind it, and the usual plank roadway built between the pavement of West street and Pier New 26.

**PIER NEW 26.**—This pier is finished, and the Old Dominion Steam-

ship Company, the lessee, is already in occupation and has nearly completed a shed upon it.

**LAIGHT STREET SECTION.**—Extending from 95 feet north of the north side of Pier New 26, to about 35 feet south of the south side of Pier Old 39, a distance of 430.67 feet.

Length of piling for the year . . . . .	17.40 feet; to date, 17.40 feet.
Equivalent length of completed wall	
for the year . . . . .	56.20 " " 56.20 "

Dredging for the wall at this section was begun in October last, the part of the shed on Pier Old 38, which stood upon the foundations of the old "North Fort," has been removed and the foundations of the old crib work have been partially removed by dredging. Rip-rap and cobble stone filling has been put in and the piling begun. Dredging upon a part of the site of Pier New 28 has also been done, and the work is now being continued.

### *Sections North of Canal Street.*

**CANAL STREET SECTION.**—Extending from about the centre of the slip between Piers Old 41 and Old 42, to 2.14 feet north of the south side of Pier New 35, a distance of about 441.20 feet.

Length of "E" course of granite . . . . .	334.95 feet.
Equivalent length of completed wall . . . . .	373.89 "

No work upon this section has been necessary, except repairs of the temporary plank roads over the filling in rear of the wall, which have been kept in good order.

**SPRING STREET SECTION.**—Extending from 2.14 feet north of

the south side of Pier New 35, to 80 feet north of the north side of Pier New 35, a distance of 139.92 feet.

Length of piling for the year.....	0.00	feet ; to date, 139.92 feet.
“ base blocks for the year....	0.00	“ “ 139.92 “
“ “E” course of granite for year... ..	54.98	“ “ 139.92 “
Equivalent length of completed wall for the year.....	14.18	“ “ 139.92 “

The wall at this section has been completed to its junction with Charlton Street Section and filling put in behind it. The inner end of Pier Old 43, behind the wall, has been removed and the filling put in, and a plank roadway laid over it to Pier New 35.

CHARLTON STREET SECTION.—Extending from 80 feet north of the north side of Pier New 35, to 28.05 feet north of the north side of Pier New 37, a distance of 406.74 feet.

Length of piling for the year.....	1.22	feet ; to date, 406.74 feet.
“ base blocks for the year... ..	1.22	“ “ 406.74 “
“ “E” course of granite for the year.....	265.92	“ “ 406.74 “
• Equivalent length of completed wall for the year.....	73.24	“ “ 406.74 “

The wall at this section has been completed, the filling placed behind it and a temporary plank roadway built over it to Pier New 36. A brick sewer was carried through the wall at about the middle of Pier New 36, and a sewer box of creosoted wood, built under Pier New 36, similar to that described for Pier New 21, was connected with it.

PIER NEW 36.—This pier was built by Messrs. Ross & Sanford, contractors, and was finished April 20th, 1881. It is 75 feet wide by 590 feet long. The Inman Steamship Company, lessee, has in process of



construction upon the pier a two-storied shed, which will probably be ready for occupancy about July 1st.

**OLD KING STREET SECTION.**—Extending from 28.05 feet north of the north side of Pier New 37, to 7.04 feet south of the south side of Pier New 38, a length of 148.41 feet of wall, built and completed.

The wall at this section was completed at date of my last report, and no work has been necessary at the section during the past year.

**NEW KING STREET SECTION.**—Extending from 7.04 feet south of the south side of Pier New 38, to 32.37 feet north of the north side of Pier New 38, a length of 114.49 feet of wall, built and completed.

No work has been done upon this section beyond repairs to and maintenance of the plank roadway over the filling in rear of the wall.

Pier New 38 is leased by the Williams & Guion Steamship Line, and no work has been done upon it by the Department.

**LOWER CLARKSON STREET SECTION.**—Extending from 32.37 feet north of the north side of Pier New 38, to 4.72 feet south of the south side of Pier New 39, a length of 152.91 feet of wall, built and completed.

No work has been done upon this section.

**HOUSTON STREET SECTION.**—Extending from 4.72 feet south of the south side of Pier New 39, to 30.09 feet north of the north side of Pier New 39, a length of 109.89 feet of wall, built and completed.

No work has been done upon this section, except the repairing and maintaining of the plank roadway over the filling.

Pier New 39 is occupied by its lessee, the National Steamship Company, and no work has been done upon it by the Department.

**UPPER CLARKSON STREET SECTION.**—Extending from 30.09 feet north of the north side of Pier New 39, to 55.40 feet south of the south side of Pier New 40, a length of 102.51 feet of wall built and completed.

No work has been done upon this section during the year.

**LEROY STREET SECTION.**—Extending from 55.40 feet south of the south side of Pier New 40, to 25.94 feet south of the south side of Pier New 42, a length of 561.46 feet of wall, built and completed.

The Bureau of Sewers of the Department of Public Works has removed the old timber placed over the old Clarkson street sewer, and built a new brick marginal sewer in its place, with its outlet through the box sewer under Pier New 40, described in my report of 1879.

The plank roadways to Piers New 40 and New 41 have been kept in order.

**PIER NEW 40.**—In November and December last the Central Rail-Company of New Jersey removed all the racks, platforms, sheds and other structures built for a ferry in 1876, except about  $47\frac{1}{2}$  feet of the shed and platform nearest to the wall. This gave opportunity to dredge on the north side of Pier New 40, and to finish driving the bracing piles, fenders, etc., which had been omitted in building the pier in 1879, on account of the ferry structure, and under the order of the Board, dated December 18, 1880. This has been done, and Pier New 40 is now used on both sides by the Cunard Steamship Company.

**PIER NEW 41.**—As stated in my last report, the Board ordered this pier to be altered and rebuilt, April 7, 1880. The Citizens' Steamboat Company of Troy, was, however, permitted to use part of the pier for the remainder of the season of 1880, and the contractor, Mr. I. Eugene White, began the work of tearing up the old part of the pier, November 5, 1880. The dredging upon the site of the new pier was greatly delayed by the unusual cold and ice of the past winter; but

the work is now so well advanced as to leave no doubt that it will be completed by the date required by the contract, September 4, 1881.

**MORTON STREET SECTION.**—Extending from 25.94 feet south of the south side of Pier New 42, to 50.39 feet north of the north side of Pier New 42, a length of 151.33 feet of wall, built and completed.

No work has been done upon this section, except that the plank roadway has been repaired and maintained, and a small amount of filling received and distributed.

Pier New 42.—This pier is leased to and occupied by the Compagnie Generale Transatlantique, and no work has been done upon it by the Department. The slip between Piers New 42 and New 43, (the latter held by the Department as a "shifting pier"), having filled up with mud, so that it was difficult for use by large vessels, a contract was made jointly by the lessee of Pier New 42 and the Department, with Mr. C. H. Loomis, to dredge the same. The work has not been entirely completed on account of the slip having been occupied by vessels so much as to prevent the full depth being excavated.

XXXXXXXXXXXXX STRAIT (SILTRAK) — Extending from Pt. 29 feet  
north of the north side of Pier No. 2 to about the north side of Pier  
No. 27, a distance of about 1,150 feet.

L. ... ..	E.I.E-50	cont.
... ..	E.I.E-50	-
" " ... ..	E.I.E-50	-
... ..	E.I.E-50	-
... ..	E.I.E-50	-

1949年10月1日，中华人民共和国成立。这是中国历史上一个伟大的转折点。从此，中国结束了长达百年的半殖民地半封建社会，真正实现了民族独立和人民解放。

1. 凡在本行开立存款账户的客户，均可向本行申请开立支票。

is, on top, 3316.61 feet, in one continuous stretch. The filling behind this wall is completed, for a distance, from the south end of Canal street section, of 2,860 feet northwardly. A length of 456 feet of the northerly end of the wall has not been filled in, in order to leave the water space known as the "Oyster Basin." The Bureau of Sewers of the Department of Public Works is now building a marginal sewer between Charlton street and West Tenth street, and as soon as it is completed, the greater part of the reclaimed land north of Canal street will be ready for paving.

**WEST TWENTY-THIRD STREET SECTION.**—Extending from Twenty-third street to Thirtieth street, North River.

The borings referred to in my last report, were continued between Twenty-third street and Twenty-eighth street. Test piles were also driven and weighted, first with 34,000 lbs., and afterwards with 46,000 lbs. per pile. These piles were driven without support, other than the mud about them. They showed no vertical movement under the heavy weight imposed, which was about twice as great as they will have to carry in the wall, but did show some tendency to bend. On the second day after the weight of 46,000 lbs. was placed upon them, the waves made by a passing steamboat imparted motion to the piles and their weights, and two of the three piles were broken and the third was split, and the weights fell into the water.

Enough information had, however, been obtained to determine a judgment that the piles would be safe enough to bear the vertical strain that would come upon them in the wall.

Further tests of the bottom were also made by placing a layer of rip-rap stone within a small coffer-dam, 4 feet square upon the inside, and resting upon the bottom, after removal of the mud to a depth of 30 feet below mean low water mark. The weight per square foot at first was about 1,500 lbs. per square foot, but afterwards was gradually increased to about 4,000 lbs., under which strain the total

settlement was less than 18 inches in thirty days. A part of this was, of course, due to the penetration of the stone in the mud, and for the last two days no settlement was observed. The experiment was terminated by the yielding of the fulcrum used to apply the strain.

The borings having shown that the mud bottom was similar to that at the north end of the Christopher Street Section, the results obtained there were also considered in determining the matter, and after careful consideration the conclusion was reached that the wall could be built by using piles of from 30 to 35 feet in length, with entire confidence in its permanency, and with only such slight settlement as would be inconsequential. On the 27th October, 1880, orders were received from the Board to proceed with the dredging for the site of the wall, and up to date, 73,913 cubic yards of mud have been removed: the old pier at foot of West Twenty-fourth street and West Twenty-fifth street, were cut through in December last: stone filling of all kinds has been placed, to the amount of 4,733 cubic yards, 313 piles have been driven, 12 transverse caps and 244 feet of longitudinal caps placed, and 3 base blocks of the wall set. The work was very much delayed during the winter, by the unusual amount of ice, and the severity of the season, but it is now making good progress.

**Pier New 34.**—Near the foot of West Twenty-fourth street. This pier was begun under a contract with Mr. John Gillies, dated December 22, 1880. The outer part of the old pier at foot of West Twenty-fourth street was removed, and the site of the new pier dredged to the depth of 30 feet below mean low water mark, and the contractor has driven 135 vertical piles and 11 bracing piles.

**Pier New 35.**—Near the foot of West Twenty-fifth street. A contract for building this pier was made with Messrs. Holmes Brothers, February 1st, 1881, and the outer part of the old pier at foot of West Twenty-fifth street has been removed, the dredging on the site of the

new pier is nearly finished, and orders to proceed with the construction of the pier will shortly be given.

PIER NEW 56.—Near the foot of West Twenty-sixth street. A contract for removing the old pier at foot of West Twenty-sixth street, and building Pier New 56, was made with Messrs. Ross & Sanford, March 1, 1881. The dredging for this pier is not yet completed, although good progress with it has been made.

PIER NEW 57.—Between the foot of West Twenty-seventh street and the foot of West Twenty-eighth street. Plans and specifications for building this pier are being made.

These piers, New 54, New 55, New 56 and New 57 are all to be 80 feet wide by 512 feet long, and will have slips 200 feet wide between them.

SIXTY-FIFTH STREET TO SEVENTY-SECOND STREET, NORTH RIVER.—Under permit from the Board of Docks, dated April 28, 1880, the New York Central and Hudson River Railroad Company have been at work upon an extensive improvement at this place, consisting of a timber bulkhead extending from the present bulkhead at the foot of Sixty-fifth street to the southerly side of Seventy-second street, and then returning to the shore on the southerly line of Seventy-second street. Several hundred feet of this bulkhead have been completed, and filling behind it has been begun. The whole work will soon be finished, and the filling will be completed, probably, in the coming autumn.

### EAST RIVER.

PIER 12, EAST RIVER.—One-half of this pier is owned by the City, and the other half by private parties. A contract was made

by the private owners and the Department jointly, on February 28, with Mr. Warren Roosevelt, to thoroughly repair the pier. The work has made good progress, and will doubtless be finished at the time specified in the contract, July 1, 1881.

**PIERS AT THIRTY-FIRST STREET AND AT THIRTY-SECOND STREET, EAST RIVER.**—A new pier was built at the foot of East Thirty-first street, by contract with Messrs. Ross & Sanford, the contract being dated August 30, and the pier finished December 1; and a new pier was also built at the foot of East Thirty-second street by the same contractors, the contract being dated August 11, and the pier finished November 1.

The pier at foot of East Thirty-first street is 281 feet long by 60 feet wide; and that at the foot of East Thirty-second street is 237 feet long by 60 feet wide.

**FORTY-NINTH STREET TO FIFTY-FIRST STREET, EAST RIVER.**—Plans and specifications were made for a rubble wall with a platform in front, similar to that built from Sixtieth to Sixty-first streets last year, and a contract was made December 4, 1880, with Mr. John Kinsley, to do the work. He began on December 11, but all work was stopped, December 20, by an injunction from the United States Circuit Court.

**SIXTIETH STREET TO SIXTY-FIRST STREET, EAST RIVER.**—The rip-rap embankment, with a rubble wall on its top, and a wooden platform in front of it, begun last year, was completed August 14, 1880, and has been in use since that date. It affords 260 linear feet of wharfage.

**SURVEYING PARTY.**—Base lines and bench marks have been verified in connection with the construction of the bulkhead wall and

of piers, and a base line and bench marks have been established for West Twenty-third street section. Lines and levels have been given during the progress of the construction of the wall and of the piers. The quantities of sand, broken stone for concrete, rip-rap stone and cobble stone, delivered at the various sections, have been measured, and receipts given for the same.

Surveys and examinations have been made over about 30,700 linear feet of water front, and tracings of the same made and put on file. Rod borings to the number of 161 were taken on the North River, the records of which are on file; and 22,820 soundings have been taken on the North, East and Harlem Rivers, in 185 slips, 8,394 of which were for construction, and 14,426 for general repairs, taken before and after dredging; all of which are on record. The Surveyor has also superintended all the dredging done on the North, East and Harlem Rivers.

**FLOATING PROPERTY.**—The floating property of the Department consists of the following :

100-ton derrick "City of New York."

10-ton derrick.

Derrick scow "Joe."

Tug "Manhattan."

2 dredges, Nos. 3 and 4.

12 dredging-machine mud-scows, Nos. 1 to 12.

10 pile-drivers, Nos. 1, 2, 3, 5, 6, 7, 8, 9, 10 and 11.

8 deck-scows, "B," "C," "D," "E," "F," "May," "Jim" and "Willie."

Boring machine "Woodcock."

2 diver's scows, and

11 yawl boats.

THE 100-TON DERRICK "CITY OF NEW YORK" is now in good order, with the exception of some required repairs that will soon be made to



the boiler and the deck underneath the boiler. During the past year the Derrick has set 40 concrete base blocks, hoisted out and lowered a pile driver screw, righted three overturned scows for the Police Department, lifted the foundation stones of the Egyptian Obelisk from the hold of the steamer "Dessang," and set concrete blocks on the new platform at West Twenty-third street section.

The main purchase blocks have been fitted with new steel pins and with metal bushings, and the screw has been hauled and guinned.

The Dixon Derrick has set 780 pieces of granite in the bulkhead wall and pumped out the caisson-dam at the West Twenty-third street section. This Derrick is in good order, and has not had any important repairs during the year.

The Derrick Scow "Joe" has done no work. The scow has had some small repairs, and has been painted. It requires caulking above the water-line.

The "De. Messeres" has done all the towing required by the Department except during the period from August 31st to 30th, when she was laid up for repairs. A new steam-pipe was fitted, and under the direction of the U. S. Engineers all the old patches on the boiler were removed and replaced with new patches, the smoke-pipe was repaired, and a new set of valves fitted to the air-pump. The hull was docked to overhaul, cleaned and painted, and the stern bearing repaired.

Dredge No. 1, No. 2, and No. 3 had new dipper heads fitted, were put to order for work, painted and, on May 24th, delivered to the Union Dredging Co. This company still has possession of both dredges.

The three Depuchendier Messeres have all remained in the hands of the Union Dredging Co. They have been kept in serviceable condition.

THE EIGHT DECK SCOWS, "B," "C," "D," "E," "F," "MAY," "WILLIE" AND "JIM" are all in good serviceable condition, having been repaired and painted. Scow "F" had new deck and ends put in, and the "Jim" was docked in November, had new ends and knees put in and was partially caulked.

THE PILE-DRIVERS, Nos. 1, 2, 3, 5, 6, 7, 8, 9, are all in good working order. In November, two new machines were ordered with scows 26x46 feet, with two sets of ways on each, 75 feet high, for driving the long piles to be used in the Bulkhead Wall at West Twenty-third street Section. The ways at one end are vertical and at the other inclined 6 inches to the foot, for driving bracing piles. These two pile-drivers were delivered, March 25th; houses were built on them by Department workmen, and one was set at work, April 28th. The other is not quite ready.

No. 1 was lifted out to repair the bottom; No. 2 was fitted with one bed plate; No. 5, as a sawing machine, cut off 988 piles for the Bulkhead Wall; No. 6 made eighteen borings at West Twenty-third street Section; when the boring apparatus was removed, the ways lengthened to 60 feet, a new friction drum, large hammer and a three fourths inch inspirator fitted; No. 9 was hired to Holmes Brothers from February 28th to March 18th.

All the old pile-drivers have had numerous small repairs to the hulls and machinery.

THE BORING MACHINE "WOODCOCK" was overhauled and some repairs made to it, and, April 6th, hired to the New York, Ontario and Western R. R. Co., in whose possession it now is.

THE TWO DIVER'S SCOWS are in serviceable condition.

THE ELEVEN YAWL BOATS are in fair order; two are in possession of the Union Dredging Co. One, of the twelve previously owned, was crushed to pieces, March 1st, by the tug "Manhattan."

**GANSEVOORT STREET YARD.**—Sixty-four concrete base blocks have been made at this yard during the year. There have been received 5,620 barrels of cement, and samples of each lot have been tested. All the iron and blacksmith work for the Department has been done here, and small articles have been issued from the store-house as required.

**EAST SEVENTEENTH STREET YARD.**—The principal work at this yard has been the receiving, storing and issuing of granite delivered by the contractor, and the receiving and storing of cement. Some slight repairs to the derrick have been made. The Police Department has used the bulkhead for its scows, also some other parts of the yard.

I submit herewith an appendix, containing a summary of the journal of the work done at each section and at the Department Yards, a list of the items of general repairs, a statement in detail of dredging done, statements of stock on hand, purchased and issued, at Gansevoort Street and at East Seventeenth Street Yards; and a schedule of items of work, repairs, etc., done by private parties under permit from the Board of Docks, and under my general supervision.

Very respectfully,

Your obedient servant,

G. S. GREENE, JR.,

*Engineer-in-Chief.*

## APPENDIX.

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SUMMARY OF JOURNAL OF THE WORK FOR THE YEAR  
ENDING APRIL 30TH, 1881.

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### NORTH RIVER WATER FRONT.

*Work of Construction under the New Plan, South of  
Canal street.*

#### BATTERY SECTION.

May 1st to July 23d.—Elevated railroads deposited 1,817 loads of ashes on the bulkhead and transferred same to boats, using proper screens to prevent any from falling into the water.

May 6th to 12th.—Graded and sowed with grass seed the two plots of ground in the rear of the Boat Landing.

May 10th to 12th.—Divers took up and replaced specimens of wood put under water May 4, 1878, to show effect of the *teredo*.

June 9th to 11th.—Carpenter repaired the grating at Boat Landing.

July 10th to 17th.—Drilled holes at the Boat Landing to secure the grating, and placed a mooring post on Pier New 1, North River.

August 2d to 11th.—Elevated railroads deposited on the bulkhead and transferred to boats, using proper screens, forty-two loads of ashes.

## CHAMBERS STREET SECTION.

May 1st to June 8th.—Relaid plank roadways to Pavonia Ferry and plank passenger walks in front of the same.

May 1st to July 31st.—Took up deck and sheathing from Pier Old 31, North River, and removed shed and cut through said pier in line of bulkhead wall extension.

May 1st to August 7th.—The Union Dredging Company removed 22,368 cubic yards of mud, 6,523 cubic yards cribwork (Class 1. A) and 1,118 cubic yards of cribwork (Class 1. B) for bulkhead wall, and 29,744 cubic yards of mud, 4,319 cubic yards of cribwork (Class 1. A) and 967 cubic yards of cribwork (Class 1. B) for Pier New 21, North River.

May 3d to July 13th.—Received 463 loads of filling in the rear of wall.

May 10th to June 24th.—Contractors Ross & Sanford removed outer portion of Pier Old 31, North River.

May 11th to 15th.—Diving party examined cribwork under water, at site of Pier New 21, North River, and bulkhead wall.

May 22d to June 26th.—Placed horizontal oak fenders on the north side of Pier New 20, North River.

June 17th to 21st.—Moved office of Chambers Street Section to its present site.

June 19th to April 20th.—J. A. Bouker deposited for bulkhead wall 6,727 cubic yards of cobble, 1,328 cubic yards of ballast, and 8,655 cubic yards of rip-rap; also 202 cubic yards of rip-rap around the piles of permanent sewer.

June 27th to July 13th.—Removed old work in the rear of wall.

June 30th to July 9th.—Diving party examined area dredged for bulkhead wall, and removed sunken timbers therefrom.

July 27th to October 30th.—Drove for bulkhead wall 750 vertical (broke 26) and 122 bracing (broke 3) piles; finishing piling for section.

August 4th to 6th.—Repaired roadways to Pavonia Ferry.

August 9th to January 5th.—Contractors Ross & Sanford completed the first part (all but about 100 feet of the inner end) of Pier New 21, North River, as required by their contract.

August 19th to September 21st.—Carpenters repaired office.

August 23d to October 30th.—Made, placed and fastened all the binding frames for section, ten in all.

August 31st to December 3d.—Carpenters laid up the sections of sewers for Piers New 21 and New 36, North River.

September 1st to November 12th.—Diving party keyed binding frames and bulkheaded the north end of section to retain the stone filling.

September 6th to 30th.—Made chock pieces to place under ends of transverse caps, and cut off piles by hand.

September 20th to 26th.—Removed old work in rear of wall.

September 24th to October 6th.—Painted section office.

September 27th to 29th.—Repaired the roadway to Pier New 20, North River.

October 8th to November 15th.—Department sawing machine cut off 555 piles in foundation for bulkhead wall, balance were cut off by hand.

October 21st to 25th.—The 100-ton derrick and force set six concrete base blocks.

October 21st to January 31st.—Placed and fastened 720 lineal feet of longitudinal capping and 80 transverse caps; finishing capping for the section.

November 3d to 6th.—Divers keyed binding frames and prepared foundation to receive the base blocks.

November 6th to December 6th.—The 100-ton derrick and force set 14 base blocks (to date 20), finishing blocks for section, and the laborers filled the chain holes.

November 10th to 20th.—Divers keyed binding frames, leveled off stone filling and pointed extra piles in foundation.

November 20th to 26th.—Divers planked across the north end of section to retain stone filling as a protection against the *teredo*.

December 2d to 6th.—Relaid plank platform in front of the New York, Lake Erie and Western Railroad Company's freight shed on the bulkhead.

December 23d to 25th.—Laid a temporary decking under the old shed to receive sand, stone, etc., upon, for the use of section.

December 27th to January 13th.—Carpenters made templets for cutting granite at the permanent sewer, repaired mould boards, made sewer centering and got out straight edges.

January 11th to 13th.—Drove 11 extra vertical piles in wall foundation, divers pointed same.

January 12th to January 27th.—Masons cut arch stones for permanent sewer through wall.

January 19th to 29th.—Repaired roadway to Pier New 20, North River.

February 5th to 12th.—Masons cut granite for wall.

February 14th to May 1st.—The 10-ton derrick set 214 pieces of granite, making a length of 158.34 feet, measured on the "E" course, masons assisted, and laid brick of permanent sewer; laborers mixed and placed 704 batches of concrete backing.

February 16th to May 1st.—Carpenters placed mould boards, made straight edges, profiles, etc., and squared up sewer sections for Pier New 21, North River.

February 17th to 19th.—Placed dovetail pieces on transverse caps and laid 4-inch decking on wall platform.

February 17th to March 16th.—Messrs. Ross & Sanford placed and fastened 54 oak fender piles on the north side and end of Pier New 21, North River, under Treasurer's order.

March 1st to 8th.—Repaired roadways to Pavonia Ferry and Pier New 20, North River.

March 12th to 23d.—Drove 48 piles for permanent sewer in rear of wall.

March 23d to 28th.—Rafted up old pile butts, to be towed away prior to selling same at auction.

March 29th to May 1st.—Built temporary dumping platform at the north end to receive filling from, removed old work in rear of wall and constructed temporary sewer; also patched roadways to Pier New 20, North River, and Ferry.

April 16th to May 1st.—Received 8,132 loads of filling in rear of wall. Total for the year, 8,595 loads.

April 21st to May 1st.—Contractors Ross & Sanford completed the inner end of Pier New 21, North River, under their contract.

#### BEACH STREET SECTION.

May 1st to 9th.—The Union Dredging Company removed 1,553 cubic yards of mud for the bulkhead wall, finishing same. Total to date, 20,087 cubic yards of mud removed for wall. Also removed 1,156 cubic yards of mud for Pier New 26, North River. Total to date, removed for pier, 35,108 cubic yards of mud and 3,824 cubic yards of cribwork.

May 1st to 3d.—Diving party examined area dredged for the bulkhead wall.

May 1st to July 11th.—Drove 476 vertical piles (broke 29) and 75 bracing piles (broke 2) for bulkhead wall; finishing piling for section. Total to date, 554 vertical (broke 29) and 87 bracing (broke 2) piles.

May 1st to July 8th.—Made, placed and fastened all the binding frames for the section; seven in all.

May 1st to November 19th.—J. A. Bouker deposited on wall foundation, 3,561 cubic yards of cobble, 135 cubic yards of ballast and 5,280 cubic



yards of rip-rap; also received from the Union Dredging Company 310 cubic yards of rip-rap; total deposited to date, 5,548 cubic yards of cobble, 135 cubic yards of ballast and 8,745 cubic yards of rip-rap.

May 23d to June 23d.—Contractors T. and A. Walsh drove 90 piles, regulated and staylathed same, and placed and fastened the caps and rangers for the inner part of Pier New 26, North River.

June 1st to 6th.—Diving party placed a plank bulkhead at the north end of section to retain the stone filling.

June 7th to 17th.—Department sawing machine cut off 375 piles in wall foundation, the balance were cut by hand.

June 10th to 20th.—Diving party keyed binding frames and prepared foundation to receive the base blocks.

June 21st to September 18th.—Placed and fastened 510 linear feet of longitudinal capping and 56 transverse caps; finished capping.

June 24th to July 26th.—The 100-ton derrick and force set 14 base blocks, and laborers filled chain holes.

June 25th to July 3d.—Repaired temporary connection to Pier New 26, North River.

August 2d to 22d.—Repaired temporary connection to Pier New 26, North River.

August 2d to September 8th.—Drove 58 extra piles in Pier New 26, North River, inner end, for shed supports.

August 30th and 31st.—Divers keyed binding frames and placed plank bulkhead at the south end of section to retain the stone filling.

September 7th to 14th.—Contractors T. and A. Walsh fastened rangers, and laid deck plank on the inner end of Pier New 26, North River, completing all but about 100 feet of the inner end of said pier.

September 17th to 21st.—Divers keyed binding frames.

September 21st to 29th.—Masons cut granite, preparatory to setting same.

September 29th to October 28th.—The 10-ton derrick and force set 140 pieces of granite, making a length of 121.02 feet on the "E"

course; laborers backed up same with concrete, mixed and placed 455 batches.

October 1st to 18th.—Repaired temporary connection to Pier New 26, North River.

October 12th to 15th.—Placed the dovetail pieces on ends of transverse caps.

October 14th to December 3d.—Contractors T. and A. Walsh finished the work on about 100 feet of the inner end of Pier New 26, North River, as required under their contract.

October 21st to November 10th.—Department force drove and capped extra piles on the inner end of Pier New 26, North River, for shed supports, and chamfered heads of piles in said pier.

November 1st to 10th.—Laid the 4-inch deck on wall platform.

November 5th to 18th.—Laborers discharged earth taken from crib-work at Pier Old 38, North River, in rear of wall.

November 13th to 20th.—Built temporary dumping platform and connection with Pier New 26, North river, from stub of Pier Old 37, North River, and pitched counter-sunk bolt holes in said new pier.

November 22d to May 1st.—Received 24,701 loads of earth filling, 1,175 of which were received from the Police Department.

December 7th to 18th.—Placed and fastened six cast-iron mooring posts on the inner end of Pier New 26, North River.

January 5th to 17th.—Removed old pile butts from the water to top of filling, and removed a portion of old platform in rear of wall.

February 11th to April 1st.—Removed old work in the rear of wall and built a temporary sewer outlet underneath Pier Old 37, North River.

April 4th to 17th.—Laid plank roadway to Pier New 26, North River.

April 15th to 27th.—Took up the deck plank, sheathing and fender piles from the remaining inner portion of Pier Old 37, North River, and removed the addition built by the Department on the south side.

April 21st to May 1st.—Masons pointed granite in wall.

April 30th.—Contractors T. and A. Walsh commenced final removal of Pier Old 37, North River, and completion of Pier New 26, North River, under their contract.

#### LAIGHT STREET SECTION.

October 7th to December 30th.—The Union Dredging Company removed 22,450 cubic yards of mud from site of bulkhead wall, and 8,280 cubic yards of mud from site of proposed Pier New 28, North River.

October 18th to 25th.—Removed the outer end of old dumping board.

October 28th to January 1st.—Removed a portion of the northerly side of Pier Old 38, North River, and the cribwork underneath down to low water mark.

November 1st to December 4th.—Received from carts, on Department scows, 484 loads of stone filling (equivalent to 363 cubic yards of cobble, and 92 cubic yards of rip-rap), and discharged the same on wall foundation.

November 13th to May 1st.—J. A. Bouker deposited on wall foundation 1,191 cubic yards of cobble, 468 cubic yards of small rip-rap, 110 cubic yards of ballast and 1,780 cubic yards of rip-rap stone.

December 4th to May 1st.—Received on Department scows, from carts 1,191 loads of stone filling, to be used at West Twenty-third street Section.

December 3d and 24th.—Diver made an examination of cribwork at Pier Old 38, North River.

January 7th to 13th.—Shored up the north side of Pier Old 38, North River, where it had settled from dredging.

January 12th to 13th.—Erected temporary storehouse, for use of section.

February 17th to March 15th.—The Union Dredging Company removed 1,689 cubic yards of mud for bulkhead wall (to date 24,089

cubic yards), and 1,656 cubic yards of mud for Pier New 28, North River (to date 9,936 cubic yards), also removed cribwork at Pier Old 38, North River.

March 1st.—Diver examined area dredged for wall.

March 15th to 17th.—Diving party and force removed sunken timbers and piles from river bottom in line of wall.

March 15th to 26th.—Continued shoring up side of Pier Old 38, North River.

April 14th to 19th.—Built a temporary platform at the south end of section, from which to sight piling for wall.

April 19th to May 1st.—Drove 54 vertical piles (broke 1) and 6 bracing piles, for the bulkhead wall.

*Work of Construction under the New Plan, North of  
Canal Street.*

CANAL STREET SECTION.

September 17th.—Repaired plank roadway to Pier New 34.

November 3d.—Repaired plank roadway to Pier New 34.

December 4th.—Repaired plank roadway to Pier New 34.

SPRING STREET SECTION.

May 1st.—Replaced the 2 transverse caps broken by J. A. Bouker's scow, March 15th, 1880.

May 15th to 19th.—Repaired plank roadway to Pier New 35.

May 18th and 19th.—Removed platform alongside the old bulkhead.

July 30th to August 14th.—Set 54 pieces of granite, completing a length of 139.92 feet on the "E" course.

August 2d to September 15th.—Removed old bulkhead to low water, and platform adjoining between Piers New 35 and New 36.

August 9th to 11th.—Repaired plank roadway to Pier New 35.

August 9th to date.—Received 444 loads of cobbles, free.

August 17th to March 26th.—Received 25,966 loads of filling, 7,733 of which were from the Police Department.

August 18th to October 30th.—Cut bottom beds of 10 pieces of coping.

September 6th to 11th.—Placed 40 cubic yards of rip-rap in front and rear of wall.

September 16th.—Repaired plank roadway to Pier New 35.

December 4th to 6th.—Repaired plank roadway to Pier New 35.

December 14th to 16th.—Set  $9\frac{1}{2}$  pieces of coping, 75.70 feet in length, north of Pier New 35.

February 11th to 18th.—Drilled 10 bolt holes,  $8\frac{1}{2} \times 1\frac{1}{2}$  inches, in the coping north of Pier New 35.

February 21st and 22d.—Fastened 75.7 feet of backing log on the coping, north of Pier New 35.

February 28th to March 17th.—Removed inner end of Pier Old 43.

March 17th to 24th.—Repaired plank roadway to Pier New 35.

#### CHARLTON STREET SECTION.

May 1st to September 18th.—Discharged 1,540 cubic yards of cobbles, and  $2,800\frac{1}{2}$  cubic yards of rip-rap on bulkhead wall foundation.

May 1st to 3d.—Repaired plank roadway to Pier New 37.

May 3d to August 10th.—Set 283 pieces of granite in bulkhead wall completing a length of 406.74 feet on the "E" course.

May 14th to June 12th.—Placed on the cap planking behind wall, 701 cubic yards of the cobbles, received free on the dump.

May 29th to October 31st.—Received 2,699 loads of cobbles, free.

June 16th to 24th.—Removed the inshore end of Pier Old 44.

June 22d to August 18th.—Laid brickwork of sewer through bulkhead wall.

July 9th to 12th.—Repaired plank roadway to Pier New 37

July 9th to April 28th.—Received 20,102 loads of filling, 7,499 loads of which were from the Police Department.

July 29th to August 19th.—Contractors Ross & Sanford removed all that part of Pier Old 44, lying westerly of a line about 135 feet westerly of the new bulkhead line.

August 18th to October 30th.—Cut bottom beds of 29 pieces of coping.

August 19th to October 28th.—The Union Dredging Company excavated 34,266 cubic yards of mud for Pier New 36, and finished.

August 26th to September 17th.—Pulled up and removed 116 piles and 5 bars of railroad iron, from site of Pier New 36.

September 18th to October 2d.—Removed inner end of Pier Old 44.

September 21st.—Repaired plank roadway to Pier New 37.

September 24th to 25th.—Removed 17 piles, 3 fender pieces and an old rudder, from river bottom, in slip, south side of Pier New 37.

October 6th to 11th.—Removed timber from basin, rear of wall, to make room for filling.

October 7th to April 20th.—Contractors Ross & Sanford built Pier New 36.

October 12th to November 30th.—Removed platform at old bulkhead, between Piers New 36 and New 37.

November 4th to 6th.—Repaired plank roadway to Pier New 37.

November 11th to December 14th.—Set  $29\frac{1}{2}$  pieces of coping, 232.32 feet in length, from south side of Pier New 37, to 81.3 feet south of Pier New 36, and finished.

November 27th.—Finished building temporary sewer.

December 21st.—Relaid water pipe between Pier New 37 and West street.

January 13th to February 11th.—Drilled 29 holes in coping for securing the backing logs.

February 9th to 17th.—Fastened 151.02 feet of backing log on the coping between Piers New 36 and New 37.

February 17th to 21st.—Fastened backing log on coping for a length of 81.3 feet south of Pier New 36.

March 10th to 16th.—Repaired plank roadway to Pier New 37.

March 14th to 19th.—Moved piles, timber and other obstructions from the bulkhead.

#### NEW KING STREET SECTION.

June 5th to 11th.—Repaired plank roadway to Pier New 33.

August 14th to September 3d.—Repaired plank roadway to Pier New 38.

November 9th.—Repaired plank roadway to Pier New 33.

December 22d.—Repaired plank roadway to Pier New 33.

April 13th to 22d.—Repaired plank roadway to Pier New 33.

#### HOUSTON STREET SECTION.

June 12th to 13th.—Repaired plank roadway to Pier New 39.

September 8th to 19th.—Repaired plank roadway to Pier New 39.

November 3th and 9th.—Repaired plank roadway to Pier New 39.

April 9th to 22d.—Repaired plank roadway to Pier New 39.

#### LABOY STREET SECTION.

May 7th to 14th.—Repaired plank roadway to Pier New 41.

May 7th to April 18th.—The Union Dredging Company excavated in the slips adjoining, and on the site of Pier New 41, 78,019 cubic yards of mud.

May 14th to July 31st.—The Union Dredging Company excavated 3,323 cubic yards of mud from slip south side of Pier New 42.\*

May 26th.—Repaired plank roadway to Pier New 40.

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\* This was paid for by the Compagnie Générale Transatlantique, lessee.

June 17th and 18th.—Fastened spring piles and backing log on south side of Pier New 41.

June 23d.—Fastened a spring pile on north side of Pier New 41.

July 13th to 15th.—Removed a sunken pile from river bottom and refastened backing log and spring piles on south side of Pier New 41.

August 26th.—Repaired plank roadway to Pier New 40.

August 26th to 28th.—Repaired plank roadway to Pier New 41.

September 20th and 21st.—Repaired plank roadway to Pier New 41.

October 19th to December 16th.—Removed the deck, backing log, mooring posts and spring piles, etc., from outer end of Pier New 41.

November 1st to 3d.—Repaired plank roadway to Pier New 41.

November 3d.—Repaired plank roadway to Pier New 40.

November 5th to 27th.—Contractor I. Eugene White removed about 180 feet in length of the old pier next adjoining the new work at outer end of Pier New 41.

November 5th to December 19th.—The Central Railroad Company of New Jersey removed all of the ferry platform at foot of Clarkson street, excepting about  $47\frac{1}{2}$  feet of the inner end.

December 10th to 27th.—Contractor I. Eugene White removed the remainder of Pier New 41.

December 16th to 20th.—Repaired plank roadway to Pier New 40, using 55 loads of earth filling.

December 21th to April 19th.—The Union Dredging Company excavated from slip north side of Pier New 40, 32,671 cubic yards of mud.

December 27th to April 26th.—Put 20 bracing piles under north side of Pier New 40, and fitted on fenders, chocks and 5 mooring posts

April 11th.—Contractor I. Eugene White commenced building Pier New 41, and has driven to date 300 vertical piles.

April 18th and 19th.—Removed 7 sunken piles from river bottom at north side of Pier New 40.



## MORTON STREET SECTION.

May 21st to June 1st.—Repaired plank roadway to Pier New 42, using 6 loads of filling.

June 18th.—Contractor C. H. Loomis commenced excavating in slip between Piers New 42 and New 43, and has taken out to date 18,527 cuibe yards of mud.

November 30th to December 14th.—Repaired and widened plank roadway to Pier New 42.

January 11th.—Removed old timber from bulkhead in vicinity of Pier New 42.

February 24th.—Finished repairing and widening 50 feet in length of the plank roadway to Pier New 42.

April 26th.—Commenced repairing plank roadway to Pier New 42.

## CHRISTOPHER STREET SECTION.

May 10th to 13th.—Repaired doors of shed on Pier New 43.

May 12th.—Repaired platform between Piers New 46 and New 47.

May 21st to 24th.—Repaired plank roadway to Pier New 44.

June 14th to July 31st.—Set up tie rods and fastened the truss braces of shed on Pier New 43.

June 19th to 26th.—Drove and fastened 8 spring piles on end of Pier New 43.

June 23d to 25th.—Repaired platform between Piers New 46 and New 47.

June 25th and 26th.—Repaired plank roadway to Pier New 45.

July 6th and 7th.—Repaired plank roadway to Pier New 43.

July 7th and 8th.—Repaired platform between Piers New 46 and New 47.

July 7th to 19th.—Repaired plank roadway to Pier New 46.

July 14th and 15th.—Drove and fastened 2 spring piles on south side of Pier New 43.

July 16th to 30th.—Connected the Barrow street and Christopher street sewers by a box, 11x19 inches, and 128 feet long.

July 24th to August 6th.—Repaired plank roadway to Pier New 44.

August 12th.—Repaired roof of shed on Pier New 43.

August 12th and 13th.—Repaired plank roadway to Pier New 45.

August 16th to September 13th.—Cut opening for, and put new door in shed on Pier New 43.

September 10th to October 2d.—Repaired tin roof of shed on Pier New 43.

September 13th and 14th.—Shifted the piles stored on the bulkhead south of Pier New 43, and repaired plank roadway to the pier.

September 22d to 25th.—Repaired platform between Piers New 46 and New 47.

October 14th to 18th.—Repaired plank roadway to Pier New 45.

October 14th and 15th.—Replaced 2 spring piles on Pier New 43, which were broken by the steamer *Labrador*, October 13th.

November 10th to 29th.—Shed on Pier New 43, excepting roof, was scraped, and painted with one coat on north side as far as ferry entrance, and with two coats on all the remainder of the sides and ends.

November 14th.—Sheathed inner end of Pier New 43 for a space 40x10 feet, and 19x19 feet, with new 3-inch North Carolina yellow pine.

November 18th.—Repaired platform between Piers New 46 and New 47.

December 7th and 8th.—Repaired plank roadway to Pier New 44.

December 14th to 16th.—Repaired plank roadway to Pier New 45.

December 17th.—Repaired platform between Piers New 46 and New 47.

February 14th and 15th.—Repaired plank roadway to Pier New 43 and water pipe between the pier and West street.

March 3d to 10th.—Repaired plank roadway to Pier New 44.

March 8th.—Repaired plank roadway to Pier New 46.

March 18th to 28th.—Repaired plank roadway to Pier New 45.

March 21st.—Repaired plank roadway to Pier New 43.

March 28th to April 5th.—Repaired approach to platforms between Piers New 45 and New 47.

#### WEST TWENTY-THIRD STREET SECTION.

May 3d to 18th.—Made 18 borings (total 107) and finished.

June 23d to July 31st.—Drove 7 test piles, built a coffer dam 5x5x45 feet for examining river bottom and placed it off 28th Street.

August 13th to October 31st.—Drove 3 test piles on bulkhead line off 27th Street, built platform on them, and weighted them with concrete blocks to get the bearing strength of river bottom; pumped mud out of coffer-dam, put in rip-rap and weighted same to determine resistance of river bottom at 30 feet below mean low water.

October 28th to April 30th.—The Union Dredging Company excavated for the bulkhead wall 75,915 cubic yards of mud between 23d and 27th Streets.

November 8th to December 2d.—Cut through the old pier, foot of 24th Street, for a length of 127 feet, and through the old pier, foot of 25th Street, for a length of 120 feet, to prepare for the bulkhead wall.

November 13th to 30th.—Built an office, 15x30 feet inside dimensions, on the inner end of old pier at 24th Street.

November 23d to April 4th.—The Union Dredging Company excavated 23,677 cubic yards of mud on site of Pier New 54.

November 27th to December 18th.—Painted interior and exterior of new office at 24th Street.

November 30th.—Drove 18 old piles at south end of work to support sights.

December 4th.—Diver examined about 75 feet of site of wall between 24th and 23th Streets, after dredging.

December 6th to April 30th.—J. A. Bouker placed 2,019 cubic yards of cobbles, 3,401 cubic yards of rip-rap, 320 cubic yards of street cob-

bles and 307 cubic yards of ballast, and Department laborers placed 660 yards of cobbles and 46 yards of rip-rap, furnished free, over site of wall foundation.

December 8th.—Drove 4 mooring piles for the stone scows.

December 14th to April 30th.—Drove 518 vertical and 83 bracing piles for wall foundation.

December 16th.—Pulled up and removed test piles driven, off 27th Street.

December 17th.—Drove 5 mooring piles for the pile drivers.

December 20th.—Diver examined site of wall in cut through the old pier foot of Twenty-fourth street, after dredging.

December 27th to January 25th.—Contractor John Gillies removed all of the old pier at the foot of West Twenty-fourth street, North River, which lies westerly of a line about 40 feet westerly of the new bulk-head line.

December 27th to April 30th.—The Union Dredging Company excavated from site of Pier New 53, 22,143 cubic yards of mud.

December 28th.—Drove 6 mooring piles for pile-drivers and stone scows, and drove 4 piles for guarding stone-filling sights.

January 12th.—Diver examined the stone filling placed by Department laborers, over site of wall, in cut through the old pier at foot of Twenty-fourth street.

January 24th.—Drove 5 mooring piles for the pile-drivers.

February 9th to April 30th.—Placed 6 binding frames.

February 10th.—Drove a guard pile north of Twenty-sixth street pier, to prevent boats striking on the head of a pile below low water.

February 18th and 19th.—Drove 11 mooring piles for the stone-scows and pile-drivers.

February 18th to April 30th.—Cut 269 vertical piles with the circular saw, and 169 by hand.

February 23d to March 19th.—Holmes Brothers, Contractors, removed

about 190 feet in length of the outer end of the old pier at the foot of West Twenty-fifth street.

March 8th.—Pulled up the row of piles driven November 30th at south end of work to support sights.

March 9th.—Drove 25 old piles across slip between Twenty-seventh and Twenty-eighth streets, to form a storage basin for timber, piles and pile-butto.

March 14th to April 30th.—Placed 14 transverse caps, and 240 feet of longitudinal caps.

March 31st to April 30th.—Contractor John Gillies building Pier New 54: drove 433 vertical and 11 bracing piles.

April 1st to 7th.—Set 6 concrete base blocks in the wall near foot of Twenty-fourth street.

April 19th to 30th.—The Union Dredging Company excavated 7,704 cubic yards of mud from site of Pier New 56.

April 22d.—Filled 3 chain grooves in the base blocks set near foot of Twenty-fourth street.

No work at all was done for 2 working days in December, for 13 working days in January, and for 8 working days in February, on account of bad weather and the unusual amount of ice in the slips.

## EAST RIVER WATER FRONT.

### NEW PIERS AT THIRTY-FIRST STREET AND THIRTY-SECOND STREET.

August 18th to November 1st.—Ross & Sanford, Contractors, dredged 2,649 cubic yards of mud at Thirty-second street, and built a new pier.

August 30th to December 1st.—Ross & Sanford, Contractors, dredged 2,184 cubic yards of mud at Thirty-first street, and built a new pier.

## DEPARTMENT YARDS.

## GANSEVOORT STREET YARD.

May 1st to April 30th.—Blacksmiths made and repaired iron work for floating property and the various sections; also engaged on iron work for six bridges for use of the Fire Department.

June 25th to July 31st.—Carpenters stripped and set up concrete moulds.

June 28th to July 31st.—Laborers assisted carpenters, received cement, and made 12 concrete base blocks, containing 396 cubic yards of concrete.

August 1st to October 31st.—Carpenters repaired moulds and cores, made Fire Department bridges, sashes for general office, and extending the railroad for concrete. Laborers assisted the carpenters, received 2,338 barrels of cement, and made 34 concrete base blocks, containing 1,123.02 cubic yards of concrete.

November 1st to April 30th.—Carpenters repaired cores, moulds, set up and stripped moulds for blocks, and worked on rail tracks. Laborers assisted carpenters, receiving 1,806 barrels of cement, transferred cement from East Seventeenth Street Yard, and made 18 concrete base blocks, containing 394.50 cubic yards of concrete.

## EAST SEVENTEENTH STREET YARD.

May 10th and 11th.—Received granite under contract of R. L. Darragh.

May 15th to 17th.—Loaded granite for Charlton Street Section.

May 18th to 22d.—Received granite from Contractor R. L. Darragh.

June 7th.—Loaded granite for Charlton Street Section.

June 8th to 10th.—Received granite from Contractor R. L. Darragh.

June 11th to 12th.—Loaded granite for Charlton Street Section.

August 6th to 11th.—Transferred granite to Christopher Street Section, and inspected granite received.

August 17th to 23d.—Painted, weighed and transferred bolts to Christopher Street Section.

September 9th to 11th.—Loaded granite for Beach Street Section.

September 29th to 30th.—Received cement, and painted yard derrick.

October 8th and 9th.—Loaded granite for Beach Street Section.

October 13th and 16th.—Received bolts from Christopher Street Section, and painted and oiled the yard derrick.

November 30th to December 3d.—Moved samples of granite under shed.

December 4th to January 3d.—Loaded granite for Chambers Street Section.

March 13th to 17th.—Loaded granite for Chambers Street Section.

March 21st to 23d.—Received granite from Cape Ann Granite Company.

April 1st to 4th.—Loaded granite for Chambers Street Section.

April 14th and 15th.—Received granite from Cape Ann Granite Company.

April 30th to 23d.—Moved coping with the 10-ton derrick.

## STATEMENT OF GENERAL REPAIRS

*For the Year ending April 30, 1881.*

### NORTH RIVER.

Public Bath at Battery.—Built and fastened to bath with chains, 4 feeder floats. Finished June 23d.

Public Bath at Battery.—Secured and refastened loose feeder floats. Finished July 3d.

Public Bath at Battery.—Repaired and refastened feeder floats. Finished July 13th.

Public Bath at Battery.—Removed feeder floats from bath; towed

them to basin at Fifty-seventh street and secured them. Finished October 16th.

Pier New 1.—Pulled 10 broken piles, and drove, chocked and fastened 18 oak spring piles. Finished June 8th.

Pier New 1.—Swept and cleaned pier. Finished June 19th.

Pier New 1.—Swept and cleaned pier. Finished June 26th.

Pier New 1.—Swept and cleaned pier. Finished July 3d.

Pier New 1.—Swept and cleaned pier. Finished July 10th.

Pier New 1.—Chocked and refastened spring piles with chains. Finished July 10.

Pier New 1.—Swept and cleaned pier. Finished August 7th.

Pier New 1.—Bored scupper holes in string-piece. Finished October 19th.

Pier New 1.—Fastened 6 loose fender piles with chains; hoisted raft of piles on bulkhead and suspended work on account of ice in slip. Finished January 4th.

Pier Old 21.—Drove two spruce and 13 oak fender piles; reset 3 old piles; put in 1 mooring post and 116 feet of backing log; laid 1,212 square feet of new 3-inch North Carolina yellow pine sheathing, and relaid 356 square feet of old sheathing. Finished July 20th.

Pier, Old 21.—Removed old sheathing; blocked up deck; put down sills and sleepers; laid 4,727 square feet of deck with 3-inch North Carolina yellow pine plank, and relaid 478 square feet of old deck. Finished October 26th.

Pier Old 33.—Patched 2,828 square feet of deck, 2,890 square feet of sheathing with second-hand plank; laid 387 linear feet of backing log, and put on 13 square fenders. Finished July 31st.

Pier Old 33.—Pulled 2 broken piles, and drove and fastened 1 spring pile. Finished October 6th.

Proposed Dumping Board at Pier Old 42.—Drove, chocked and fastened 4 spring and 27 fender piles; put in 21 feet of stringers, 73 feet of caps, 12 feet of backing log; laid 150 square feet of sheathing



with second-hand plank, 1,240 square feet of new 3-inch North Carolina yellow pine plank in platform, and put on 3 new 3-inch North Carolina yellow pine fenders. Finished August 23th.

Sewer Platform at Pier Old 42.—Sheathed 1,664 square feet of platform over sewer. Finished July 3d.

Sewer at Pier Old 42.—Replanked sewer box and patched 84 square feet of deck over sewer. Finished October 18th.

Sewer at Pier Old 42.—Replanked 423 square feet of sewer box, and relaid deck. Finished January 17th.

Pier Old 42.—Drove 2 spring and 16 fender piles; patched 230 square feet of deck, 915 square feet of sheathing, with second hand plank, and laid 222 linear feet of backing log. Finished May 27th.

Pier Old 42.—Shored up deck; blocked up string-piece, and patched 91 square feet of deck with second-hand plank. Finished October 2d.

Pier Old 42.—Drove 14 bearing piles; laid 137 feet of caps, 292 feet of backing log, 250 feet of sills, 1,502 square feet of deck, 1,732 square feet of roadway, 180 linear feet of foot-walk, and put in a mooring post. Finished November 23d.

Bulkhead between Piers New 39 and 40.—Removed piles from bulkhead; towed them to Twenty-seventh street and secured them inside the basin. Finished March 29th.

Bulkhead, south side of Pier New 42.—Removed piles and timber from bulkhead; rafted them; towed rafts to Twenty-seventh street and secured them inside the basin. Finished March 23d.

Bulkhead, north side of Pier New 42.—Removed piles from bulkhead, loaded them on catamarans, towed them to Twenty-seventh street, secured them inside the basin and refastened boom logs. Finished April 14th.

Bulkhead, east side of approach to Piers New 46 and New 47.—Patched 84 square feet of deck with second-hand plank, and laid 2,010 square feet of new 3-inch North Carolina yellow pine sheathing. In progress,

Pier New 47 and bulkhead on south side.—Laid 23,940 feet, board measure, 3-inch North Carolina yellow pine sheathing. In progress.

Public Bath at Bethune Street.—Moored 4 fender floats to bath with chains. Finished May 29th.

Public Bath at Bethune Street.—Removed fender floats from bath, towed them to Fifty-seventh Street and secured them inside of timber basin. Finished October 16th.

Dump at Twelfth Street.—Pulled 12 broken piles and drove 16 bearing piles and 16 oak spring piles. Finished September 28th.

Dump at Twenty-first Street.—Drove, staylathed and fastened 30 bearing and 17 spring piles, and put on 3 caps. Finished October 19th.

Sewer at Twenty-third Street.—Opened hood over mouth of sewer for examination. Finished May 5th.

Pier at Twenty-eighth Street.—Patched 36 square feet of deck; relaid 563 square feet of sheathing; set one mooring post; put on 3 half-round white oak fenders, and cut off and trimmed heads of fenders and mooring post. Finished May 25th.

Pier at Twenty-eighth Street.—Shimmed up rangers and patched 144 square feet of deck and 550 square feet of sheathing with second-hand plank. Finished September 30th.

Pier at Twenty-eighth Street.—Cleaned deck of pier. Finished April 16th.

Pier at Thirty-fifth Street.—Drove 1 mooring and 3 oak fender piles; laid 19 feet of caps; patched 67 square feet of close fenders, 121 square feet of deck; relaid 563 square feet of sheathing, and put down 32 linear feet of backing log. Finished July 29.

Dump at Thirty-seventh Street.—Drove, chocked and fastened 11 fender piles. Finished October 4th.

Pier at Thirty-eighth Street.—Removed old deck and sheathing; let in 5 string-pieces and 1 side cap; patched 870 square feet of deck with new 4-inch North Carolina yellow pine plank, 540 square feet with 4-inch second-hand plank; laid 9,171 feet, board measure, new 3-inch

North Carolina yellow pine sheathing, and relaid 668 square feet of old sheathing; drove, chocked and fastened 1 fender and 7 spring piles; laid 21 linear feet of backing log, and put on one oak cleat. Finished April 16.

Pier at Forty-Seventh Street.—Laid 160 linear feet of caps, 90 feet of stringers, 25 feet of side caps, 35 feet of backing log; drove 2 bearing piles; laid 1,617 square feet of deck, and 4,214 square feet of sheathing with second-hand plank, and built up gangway. Finished May 24.

Pier at Forty-seventh Street.—Patched 18 square feet of deck, 24 square feet of sheathing, with second-hand plank, and laid 572 square feet of new 3-inch North Carolina yellow pine sheathing. Finished July 16th.

Pier at Forty-seventh Street.—Drove, chocked and fastened 3 spring piles. Finished April 30th.

Public Bath at Fifty-first Street.—Fastened four fender floats to bath. Finished May 29th.

Pier at Fifty-first Street.—Closed and covered gangway used for bath. Finished October 19th.

Pier at Fifty-first Street.—Removed old deck, and patched 56 square feet with new 3-inch North Carolina yellow pine plank. Finished April 11th.

Pier at Fifty-fifth Street.—Rebuilt end of pier; laid 2,720 square feet of new 3-inch North Carolina yellow pine sheathing; patched 1,583 square feet of deck with second-hand plank; sheathed 176 linear feet of backing log with new 3-inch North Carolina yellow pine plank; put on 630 square feet of close fenders with second-hand plank; laid 45 feet of backing log; set in two mooring posts, and fastened on two corner bands. Finished June 3d.

Timber Basin at Fifty-seventh Street.—Pulled and bunched piles and timber to make room for dredge, and refastened boom logs. Finished August 4th.

**Timber Basin at Fifty-seventh Street.**—Removed fender floats from the basin; stored them beneath the pier; bunched piles, and put basin in order for reception of rafts of piles and timber from Twenty-fourth and Twenty-fifth Streets. Finished December 8th.

**Timber Basin at Fifty-seventh Street.**—Secured and fastened loose timber with chains. Finished December 14th.

**Timber Basin at Fifty-seventh Street**—Secured and refastened loose fender floats. Finished January 15th.

**Timber Basin at Fifty-seventh Street.**—Secured fender floats broken adrift by the ice, and refastened them with chains. Finished January 24th.

**Timber Basin at Fifty-seventh Street.**—Secured and refastened loose fender floats. Finished February 22d.

**Timber Basin at Fifty-Seventh Street.**—Secured and refastened loose fender floats. Finished March 23d.

**Pier at Fifty-seventh Street.**—Patched 408 square feet of deck; 788 square feet of sheathing with second-hand plank, and laid 1,498 feet, board measure, of new 3-inch North Carolina yellow pine sheathing. Finished June 10th.

**Pier at Fifty-Seventh Street.**—Patched 498 square feet of deck, and 1,141 square feet of sheathing with second-hand plank. Finished July 6th.

**Approach to Pier at Fifty-seventh Street.**—Patched 40 square feet of sheathing. Finished May 17th.

**Approach to Pier at Fifty-seventh Street.**—Patched 2,761 square feet of deck and 3,744 square feet of sheathing with second-hand plank. Finished June 28th.

**Approach to Pier at Fifty-seventh Street.**—Removed sheathing; patched 12 square feet of deck with second-hand plank, and relaid 30 square feet of sheathing. Finished July 29th.

**Approach to Pier at Fifty-seventh Street.**—Patched 392 square feet

of deck with 5-inch, and 396 square feet of sheathing with 3-inch second-hand plank. Finished September 3d.

Approach to Pier at Fifty-seventh Street.—Removed broken deck and sheathing, and patched 120 square feet of deck with second-hand plank, and 87 square feet of sheathing with new 3-inch North Carolina yellow pine plank. Finished September 15th.

Approach to Pier at Fifty-seventh Street.—Removed old deck and sheathing, and patched 1,200 square feet of deck and 1,260 square feet of sheathing with second-hand plank. Finished October 25th.

Approach to Pier at Fifty-seventh Street.—Removed old deck and sheathing, and patched 120 square feet of deck and 224 square feet of sheathing with second-hand plank. Finished November 1st.

Approach to Pier at Fifty-seventh Street.—Patched 156 square feet of deck, and 88 square feet of sheathing with second-hand plank. Finished November 11th.

Approach to Pier at Fifty-seventh Street.—Patched 1,020 square feet of deck, and 1,040 square feet of sheathing with second-hand plank, and relaid lot of old sheathing. Finished December 14th.

Pier at Ninety-sixth Street.—Drove six test piles. Finished April 29th.

Platform between Piers at One Hundred and Twenty-ninth and One Hundred and Thirtieth Streets.—Removed decayed deck and built a fence around platform. Finished June 10th.

#### EAST RIVER.

Pier 12.—Built 56 lineal feet of fence, and laid 56 lineal feet of backing log. Finished, September 7th.

Pier 12.—Drove 9 test piles. Finished, October 19th.

Pier 12.—The contractor tore up old pier; removed 3 cribs; dredged 5,237 cubic yards of mud; drove 162 vertical and 11 bracing piles;

laid 41 side and 38 cross-caps; built up bulkhead, and set up mooring post. Work in progress.\*

Pier 37.—Patched 153 square feet of deck and laid 6,664 square feet of sheathing with second-hand plank; laid 1,750 square feet of new 3-inch North Carolina yellow pine sheathing; relaid 2,347 square feet of old sheathing; put down 416 linear feet of backing log; repaired close fenders; drove and chocked 5 oak spring piles, and chocked and re-fastened 5 old spring piles. Finished, June 8th.

Pier 44.—Drove and fastened 15 spruce piles around crib on outer end of pier. Finished, December 27th.

Pier 48.—Patched 48 square feet of deck with second-hand plank, and refastened loose deck. Finished, July 17th.

Pier 48.—Patched 12 square feet of deck with second-hand plank. Finished, July 31st.

Pier 48.—Patched 6 square feet of deck with second-hand plank. Finished, August 9th.

Pier 48.—Patched holes in deck with second-hand plank. Finished, August 28th.

Pier 48.—Patched 54 square feet of deck with 4-inch spruce plank. Finished September 22d.

Pier 48.—Patched 48 square feet with second-hand, and 79 square feet with new 4-inch spruce plank. Finished, October 4th.

Pier 48.—Laid 105 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished, October 9th.

Pier 48.—Patched 16 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished, October 14th.

Pier 48.—Patched 20 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished, October 20th.

Pier 48.—Patched 52 square feet of deck with second-hand plank. Finished, October 27th.

Pier 48.—Drove 6 test piles. December 4th.

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\* One-half only of these repairs is to be paid for by the Department.

Pier 48.—Patched 48 square feet of deck with new 3-inch North Carolina yellow pine plank. Finished, February 18th.

Pier 48.—Patched 48 square feet of deck with good second-hand plank. Finished, March 22d.

Pier 48.—Patched 30 square feet of deck with good second-hand plank. Finished, April 1st.

Public Bath, Pier 51.—Fastened 4 fender floats to bath. Finished, June 5th.

Public Bath, Pier 51.—Refastened loose floats with chains. Finished, August 14th.

Public Bath, Pier 51.—Removed fender floats from bath; towed them to Fifty-seventh street, North River, and secured them in basin. Finished, October 16th.

Pier 51.—Covered gangway, and put down 10 lineal feet of backing log. Finished, October 21st.

Pier 53.—Removed broken fenders; put in 5 new fenders, and trimmed, patched and refastened loose fenders. Finished, November 10th.

Pier 54.—Removed old fenders and deck; put on 5 new fenders; refastened loose fenders and backing log, and patched 78 square feet of deck with second-hand plank. Finished, November 9th.

Bulkhead at Pier 60.—Built cleats for use of tug boats watering at bulkhead. Finished, April 30th.

Pier 61.—Patched 32 square feet of deck with second-hand plank. Finished, December 27th.

Pier 61.—Drove 9 spruce bearing piles and 13 oak fender piles. Finished, January 26th.

Dump at Stanton Street.—Drove, choaked and fastened 14 fender piles. Finished, October 9th.

Pier at Third Street, outer end.—Drove, choaked and fastened with chains, 13 oak spring piles; planked gangway, and put on 2 thumb cleats. Finished, May 8th.

Pier at Third Street.—Drove 5 spruce bearing and 5 oak fender piles, and patched deck with second-hand plank. Finished, May 11th.

Pier at Third Street.—Patched 18 square feet of deck with second-hand plank. Finished, May 27th.

Pier at Third Street.—Laid 2,623 square feet of deck with 5-inch North Carolina yellow pine plank; repaired backing log and battened mooring posts. Finished, July 7th.

Pier at Third Street.—Patched 12 square feet of deck with second-hand plank. Finished, July 27th.

Pier at Third Street.—Patched 24 square feet of deck with second-hand plank. Finished, August 7th.

Pier at Third Street.—Patched 268 square feet of deck with second-hand plank; 104 square feet with new 4-inch North Carolina yellow pine, and laid 38 linear feet of stringers. Finished, November 16th.

Pier at Third Street.—Patched 16 square feet of deck with second-hand plank. Finished, December 27th.

Pier at Third Street.—Secured, chocked and refastened a loose fender pile. Finished, March 1st.

Public Bath at Fifth Street.—Fastened 4 fender floats to bath. Finished June 3d.

Public Bath at Fifth street.—Refastened loose fender floats. Finished August 14th.

Public Bath at Fifth Street.—Removed fender floats from bath, towed them to Fifty-seventh street, North River, and secured them inside of basin. Finished October 16th.

Dump at Fifth Street.—Pulled 8 broken piles, and drove, chocked and fastened 11 fender piles. Finished October 7th.

Bulkhead at Sixteenth Street.—Drove, chocked and fastened 4 oak spring piles. Finished November 23d.

Bulkhead at Seventeenth Street.—Fastened 2 cleats on bulkhead for use of tug boats. Finished April 23d.

Bulkhead at Eighteenth Street.—Drove 13 bearing piles; laid 35



feet of longitudinal and 68 feet of transverse caps, 111 feet of rangers, and 92 feet of backing log; drove 1 spruce and 8 oak fender piles, set 1 mooring post; put on two fenders, 1 corner band, and laid 618 square feet of new 4-inch North Carolina yellow pine plank in deck. Finished August 2d.

Public Bath at Nineteenth Street.—Built stairway and platform for gang-plank and fastened 4 fender floats to bath. Finished August 10th.

Public Bath at Nineteenth Street.—Removed fender floats from bath, and secured them in "Timber Basin" at Fifty-seventh street, North River. Finished October 16th.

Pier at Nineteenth Street.—Removed stairway and platform from pier. Finished October 21st.

Dump at Twenty-second Street.—Drove and fastened 2 bearing and 7 fender piles. Finished October 18th.

Pier at Twenty-sixth Street.—Drove, chocked and fastened 17 spring piles; laid 3,000 square feet of 3-inch North Carolina yellow pine sheathing and 139 feet of backing log; set coal derrick; patched 24 square feet of deck and 186 square feet of sheathing with second-hand plank, drove, chocked, and fastened 1 spring and 1 fender pile; put on 6 fenders and refastened old fenders. Finished October 18th.

Pier at Bellevue Hospital.—Laid 3,713 square feet of 3-inch North Carolina yellow pine deck; sheathed 270 lineal feet of backing log with 3-inch North Carolina yellow pine; put on 17 square fenders with 5-inch second-hand yellow pine plank; chocked and fastened 3 spring piles, and put on 4 cleats. Finished July 14th.

Pier at Twenty-eighth Street.—Drove 6 bearing piles; put in caps and rangers; patched 693 square feet of deck with second-hand plank; laid 598 square feet of deck with 4-inch North Carolina yellow pine plank, 1,178 square feet of 3-inch North Carolina yellow pine sheathing; relaid 195 square feet of old sheathing; put on and chocked 9

oak fenders; laid 67 feet of backing log; sheathed old backing log, and set 1 mooring post. Finished September 30th.

Pier at Twenty-eighth Street.—Patched 108 square feet of deck with second-hand plank. Finished November 13th.

Site of proposed Pier at Thirty-first Street.—Drove test piles. Finished May 13th.

Pier at Thirty-first Street.—Drove, chocked and bolted 4 oak fender piles. Finished February 26th.

Site of proposed Pier at Thirty-second Street.—Drove test piles. Finished May 14th.

Pier at Thirty-second Street.—Drove, chocked and bolted 4 oak fender piles. Finished February 26th.

Pier at Thirty-third Street.—Drove, chocked and fastened 5 spring piles, and laid 464 feet, board measure, 3-inch North Carolina yellow pine sheathing. Finished September 1st.

Pier at Thirty-third Street.—Fastened a loose spring pile. Finished September 17th.

Bulkhead at Thirty-fifth Street.—Drove, chocked and fastened 16 oak fender piles; set 1 mooring post, and laid 13 linear feet of 12 x 12-inch timber in bulkhead. Finished May 22d.

Bulkhead at Thirty-sixth Street.—Laid 8 linear feet of 14 x 14-inch timber in bulkhead; set 1 mooring post; cut off and trimmed pile heads, and chocked and fastened fender piles. Finished May 12th.

Public Bath at Thirty-seventh Street.—Fastened 4 fender floats to bath. Finished June 2d.

Public Bath at Thirty-seventh Street.—Repaired fender floats and refastened them to bath with chains. Finished August 13th.

Public Bath at Thirty-seventh Street.—Removed fender floats from bath, and secured them in timber basin at Fifty-seventh street, North River. Finished October 16th.

Pier at Thirty-seventh Street.—Closed and planked over gangway. Finished October 23d.

**Dump at Forty-sixth Street.**—Drove, chocked and fastened 2 oak spring piles. Finished August 18th.

**Site of proposed Rubble Wall and Bulkhead between Forty-ninth and Fifty-first Streets.**—Drove test piles. May 14th.

**Platform between Forty-ninth and Fifty-first Streets.**—The contractor began tearing up platform December 11th, and work was stopped by an injunction December 20th.

**Platform North Side of Fifty-second Street.**—Drove 6 bearing piles; laid caps, rangers and backing log, and patched 470 square feet of deck with 3-inch North Carolina yellow pine plank. Finished October 15th.

**Pier at Fifty-fourth Street.**—Cleaned earth from pier; loaded it on scow, and discharged it in rear of bulkhead wall at Charlton street, North River. Finished August 30th.

**Bulkhead between Piers at Sixtieth and Sixty-first Streets.**—Cleaned platform, and filled holes in rear of bulkhead with stone and earth. Finished April 9th.

**Bulkhead at Sixty-first Street.**—Removed earth from platform; ripped up old bulkhead; drove 2 spruce bearing piles, 4 spruce and 3 oak fender piles; put in caps, rangers and backing log; laid 260 square feet of new 4-inch yellow pine deck, and set a mooring post. Finished August 16th.

**Platform on North Side of Sixty-first Street.**—Removed platform and caps; drove and staylathed 21 bearing piles; put on 173 feet of caps; 386 feet of rangers; laid 546 square feet of deck, and set a mooring post. Finished October 28th.

**Dump at Seventieth Street.**—Ripped up old deck; drove 9 bearing and 5 fender piles; put down 52 feet of caps, 283 feet of stringers, 158 feet of backing log, and laid 2,348 square feet of deck with second-hand plank. Finished November 12th.

**Pier at Eighty-sixth Street.**—Removed old deck; drove 1 fender and 12 bearing piles; laid 428 feet of rangers, 148 feet of caps, and 38 feet of backing log; put on 7 square and 8 half-round fenders; set

2 mooring posts; laid 865 square feet of roadway, and 2,650 square feet of 3-inch North Carolina yellow pine sheathing. Finished June 25th.

#### HARLEM RIVER.

Pier at One Hundred and Sixth Street.—Laid 564 square feet 3-inch North Carolina yellow pine in deck. Finished July 2d.

Public Bath at One Hundred and Twelfth Street.—Fastened 4 fender floats to bath; cut out gangway, and put on 3 mooring cleats. Finished June 19th.

Public Bath at One Hundred and Twelfth Street.—Removed fender floats from bath, and secured them inside of Timber Basin at Fifty-seventh Street, North River. Finished October 16th.

Pier at One Hundred and Twelfth Street.—Closed gangway. Finished October 23d.

Pier at One Hundred and Seventeenth Street.—Drove 1 spring and 2 mooring piles; patched 303 square feet of deck, 786 square feet of sheathing with second-hand plank, and laid 1,632 square feet of new 3-inch North Carolina yellow pine sheathing. Finished June 12th.

Foot of One Hundred and Twenty-third Street.—Drove 13 test piles. Finished October 4th.

Pier at One Hundred and Twenty-fifth Street.—Patched 1,380 square feet of deck; laid 3,524 square feet of new 3-inch North Carolina yellow pine sheathing, 95 feet of backing log, and set a mooring post. Finished June 30th.

Bulkhead at One Hundred and Twenty-ninth Street.—Removed old deck and caps; let in 299 feet of new caps; drove 2 bearing, 2 fender and 3 spring piles; patched 1,054 square feet of deck, and laid 1,135 square feet of new 3-inch North Carolina yellow pine sheathing. Finished July 1st.

## BLACKWELL'S ISLAND.

Penitentiary Coal Pier.—Drove 10 bearing and 8 spruce fender piles; laid 157 feet of rangers, 33 feet of caps, 48 feet of backing log; set a mooring post; reset coal derrick; laid 330 square feet of new 3-inch North Carolina yellow pine sheathing, and 396 square feet of deck. Finished June 6th.

Riverside Hospital Pier.—Drove 1 spruce spring pile; refastened 5 old spring piles; laid 36 feet of backing log, and rebuilt gangway. Finished July 8th.

Work House Pier.—Drove 14 oak spring piles. Finished November 23d.

## WARD'S ISLAND.

Hospital Pier.—Drove, chocked and fastened 5 spring piles; redrove 1 pile; set a mooring post, and laid 166 square feet of 3-inch North Carolina yellow pine sheathing. Finished August 26th.

# STATEMENT OF DREDGING

*Done during the Year ending April 30th, 1881.*

153

	DATE AND NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.			BY WHOM PERFORMED.
		CLASS 1. CRIBWORK.		CLASS 2.	
		A.	B.	Mud.	
		Cribs.	Timber between Cribs.		
NORTH RIVER.	{ Pier Old 21.....	Sep. 393 class 2			Union Dredging Co. Union Dredging Co.
		Oct. 576 " "			
	{ Pier Old 29.....	Oct. 2,834 " "		969	Union Dredging Co. Union Dredging Co.
		May. 1,438 " 1 A		2,834	
	{ Chambers St. Section, bulkhead wall.	May. 7,164 " 2			
		June. 3,983 " 1 A			
		June. 641 " 1 B			
		June. 10,729 " 2			
		July. 1,161 " 1 A			
		July. 477 " 1 B			
Carried forward .....	July. 4,475 " 2		1,118	22,368	Union Dredging Co.
		6,522			

**STATEMENT OF EXPENSES.—Continued.**

	Parts not included in Contract Value Estimate.	Contract Value.			BY WHOM PERFORMED.
		CLASS 1. (Contractors).		CLASS 2.	
		A. Ctlin.	B. Timber between Ctlin.		
Pier No. 41.	Work done for water.	6,522	1,114	26,171	
	May, 1900				
	May, 1900				
	June, 1900				
	June, 1900				
	July, 1900				
	July, 1900				
	Aug., 1900				
Pier No. 42.	Work done for water.	4,819	967	29,744	Union Dredging Co.
	May, 1900			1,058	Union Dredging Co.
	May, 1900			1,156	Union Dredging Co.
	June, 1900				
	June, 1900				
	July, 1900				
	July, 1900				
	Aug., 1900				
Pier No. 43.	Work done for water.	1,481		24,089	Union Dredging Co.
	May, 1900				
	May, 1900				
	June, 1900				
	June, 1900				
	July, 1900				
	July, 1900				
	Aug., 1900				







Pier New 55.....	{ Dec. 894 ' 2 Mar. 2,505 " " Apl. 18,744 " "	.....	.....	.....	22,148 Union Dredging Co. 7,704 Union Dredging Co.
Pier New 56.....	{ Apl. 7,704 " 2 Aug. 1,895 " 2 Sep. 2,775 " "	.....	.....	.....	4,670 Chandler H. Loomis. 1,162 Union Dredging Co.
Dump at 47th Street.....	{ Oct. 1,162 " 2 July. 2,555 " 2 Aug. 13,320 " "	.....	.....	.....	15,875 Chandler H. Loomis.
EAST RIVER.					
Pier 12 (south side).....	{ Mar. { 1,200 " 1 A and Apl. } Mar. 1,456½ " 2 Apl. 1,162 " "	.....	.....	.....	2,618½ Warren Roosevelt. 1,128 Union Dredging Co. 774 Union Dredging Co. 746 Union Dredging Co. 3,207 Union Dredging Co. 595 Union Dredging Co. 590 Union Dredging Co. 2,116 Union Dredging Co. 23,825 Chandler H. Loomis. 1,576 Union Dredging Co.
Pier 37.....	{ July. 1,128 " 2 Sep. 774 " 2 June. 746 " 2 June. 3,207 " 2 June. 595 " 2 June. 590 " 2 July. 2,116 " 2 July. 23,825 " 2 Sep. 1,576 " 2 June. 1,576 " 2	.....	1,200	.....	479,968½
Dump at Market Street.....	.....	.....	.....	.....	2,085
Slip at Jackson Street.....	.....	.....	.....	.....	13,522
Slip between Piers 56 and 57.....	.....	.....	.....	.....	2,085
Bulkhead at Tompkins St.....	.....	.....	.....	.....	13,522
Dump at 17th Street.....	.....	.....	.....	.....	2,085
Pier at 18th Street.....	.....	.....	.....	.....	13,522
Slip bet. Piers at 26th and 28th Sts.....	.....	.....	.....	.....	2,085
Pier at 29th Street.....	.....	.....	.....	.....	13,522
Carried forward.....	.....	.....	.....	.....	479,968½

## STATEMENT OF DREDGING.—Continued.

	DATE AND NUMBER OF CUBIC YARDS DREDGED.	CUBIC YARDS.			BY WHOM PERFORMED.
		CLASS 1. CRIBWORK.		CLASS 2.	
		A. Criba.	B. Timber between Criba.	Mud.	
Brought forward.....	.....	18,522	2,085	473,966½	
Bulkhead at 80th Street.....	June, 394 class 2	.....	.....	394	Union Dredging Co.
New Pier at 81st Street.....	Sep. 2,184 " 2	.....	.....	2,184	Ross & Sanford.
Pier at 82d Street.....	June, 705 " 2	.....	.....	705	Union Dredging Co.
New Pier at 82d Street.....	Aug. 2,649 " 2	.....	.....	2,649	Ross & Sanford.
Dump at 46th Street.....	July, 324 " 2	.....	.....	324	Union Dredging Co.
HARLEM RIVER.					
Pier at 117th Street.....	June, 1,582 " 2	.....	.....	1,582	Union Dredging Co.
Total dredging for the year.....	.....	18,522	2,085	487,804½	
Total by Union Dredging Company.....	.....	12,322	2,085	385,882	
" " Chandler H. Loomis,.....	.....	.....	.....	94,471	
" " Warren Roosevelt.....	.....	1,200	.....	2,618½	
" " Ross & Sanford.....	.....	.....	.....	4,833	

THE FOLLOWING DREDGING WAS DONE UNDER THE SUPERINTENDENCE OF THE DEPARTMENT ON ACCOUNT OF OTHER PARTIES.

		CUBIC YARDS.		
		CLASS 1.		CLASS 2.
		A. Criba.	B. Timber between Criba.	Mud.
NORTH RIVER.				
Pier New 42 (south side).....	{ May. 4,352 class 2			6,323
	{ June. 407 " "			
	{ July. 1,564 " "			
		.....	.....	
EAST RIVER.				
Pier 12 (north side).....	{ Mar. { 1,200 " 1 A			2,618½
	{ and {			
	{ Apl. 1,456½ " 2			
	{ Mar. 1,162 " "			1,200
	{ Apl. 1,162 " "			
		1,200	.....	
	Total.....	1,200	.....	8,941½

## STATEMENT OF STOCK.

*On Hand, Purchased, Fabricated and Issued, at  
Gansevoort Street Yard, during the year ending  
April 30, 1881.*

Amount of Stock on hand, May 1, 1880 .....	\$12,174 77
Purchased from May 1, 1880, to April 30, 1881.....	24,257 74
Fabricated (64 blocks) from May 1, 1880, to April 30, 1881.....	19,957 26½
Total to be accounted for.....	\$56,389 77½

Issued to the following sections:

Floating Property.....	\$861 62½
West 23d Street Section.....	2,579 33
Christopher Street Section.....	547 63
Leroy Street Section.....	93 38 <sup>3</sup> / <sub>10</sub>
Charlton Street Section.....	3,864 46½
Spring Street Section. ....	22 93½
New King Street Section.....	1 87½
Morton Street Section.....	34 36½
Houston Street Section.....	12 35
Chambers Street Section.....	9,649 32 <sup>7</sup> / <sub>10</sub>
Beach Street Section....	6,228 63 <sup>9</sup> / <sub>10</sub>
Laight Street Section.....	154 91½
General Repairs .....	849 96½
East 17th Street Yard.....	15 01 <sup>6</sup> / <sub>10</sub>
Pier New 1, N. R.....	1 27½
Department Office.....	9 77 <sup>6</sup> / <sub>10</sub>
Gansevoort Street Yard .....	13,743 74 <sup>7</sup> / <sub>10</sub>
	<u>38,670 61<sup>7</sup>/<sub>10</sub></u>
Balance on hand, May 1, 1881.....	\$17,719 16 <sup>2</sup> / <sub>10</sub>

STATEMENT OF GRANITE, (ROUGH AND CUT), ON HAND, PURCHASED AND ISSUED, AT EAST  
SEVENTEENTH STREET YARD, DURING THE YEAR ENDING APRIL 30, 1881.

KIND.	On hand May 1st, 1880. Cubic feet.	Received during year.	Issued dur- ing year.	On hand May 1st, 1881. Cubic feet.	RATE.	AMOUNT.
Headers and Stretchers, old lot (cut).....	234.1	.....	.....	234.1	\$080	\$70 23
Headers and Stretchers, old lot (rough).....	93.4	.....	.....	93.4	39	36 43
Headers and Stretchers, new lot (Tilson).....	353.09	.....	290.53	62.56	62	38 79
Headers and Stretchers, new lot (Hogan).....	403.91	15,089.1	10,369.18	5,123.83	63	3,228 00
Headers and Stretchers, new lot (Hogan).....	301.42	20.68	289.33	32.77	50	16 38
Headers and Stretchers, new lot (Hall).....	2,041.4	30.5	1,975.13	96.77	64	61 92
Voussoirs.....	845.87	.....	.....	845.87	30	253 76
Spandrel and End Stones.....	457.75	.....	.....	457.75	30	137 32
Corner, End and Key Stones.....	442.0	.....	.....	442.0	30	132 60
Headers and Stretchers, fine cut.....	149.95	.....	.....	149.95	30	44 99
Rough.....	313.43	.....	59.53	253.90	30	76 17
Coping, new lot (Hall).....	3,997.60	82.90	706.5	3,374.0	69	2,328 06
Headers and Stretchers (Hall).....	.....	45.3	.....	45.3	60	27 18
Headers and Stretchers (Hall).....	.....	52.6	.....	52.6	55	28 93
Coping (Hall).....	.....	172.8	.....	172.8	60	103 68
Coping (Darragh).....	.....	2,929.05	2,106.55	822.5	63	518 17
Headers and Stretchers (Tilson).....	.....	4,843.34	47.94	4,795.4	85	4,076 09
Headers and Stretchers ("Cape Ann G. Co.").....	.....	3,653.88	.....	3,653.88	80½	2,941 37
Total amount on hand.....	.....	.....	.....	.....	....	\$14,120 08

STATEMENT OF WORK DONE BY PRIVATE PARTIES  
*Under Supervision of the Engineer-in-Chief, By Order of  
 or Under Permit from the Board of Docks.*

NORTH RIVER.

Pier New 1.—Erection of shed on pier by Iron Steamboat Company. Begun April 6th. Work in progress.

Pier 8.—Erection of platform on south side of pier, and shed on platform and pier, by Central Railroad Company of New Jersey. January 17th to April 30th.

Pier 9.—Extension of shed at inshore end by Clark & Seaman. Finished May 15th.

Pier 22.—Platform south side. Driving of 5 fender piles by Stephens & Condit. Finished December 7th.

Bulkhead between Piers 23 and 27. Repairs to bulkhead and platform by T. & A. Walsh. May 29th to July 12th.

Pier 29.—Driving of fender piles at outer end of pier by H. DuBois & Sons. December 7th to 13th.

Bulkhead between Piers New 20 and New 21.—Moving back of buildings by New York, Lake Erie and Western Railroad Company. Finished July 12th.

Pier New 21.—Erection of shed on pier by New York, Lake Erie and Western Railroad Company. Begun January 3d. Work in progress.

Pier New 26.—Erection of shed on pier by Old Dominion Steamship Company. Begun January 12th, 1879. Work in progress.

Pier New 32.—Repairs to outer end by George Yonge. July 26th to December 30th.

Pier New 32.—Extension of the shed eastwardly to new bulkhead by George Yonge. February 23th to April 21st.

Pier New 37.—Moving shed by the Inman Steamship Company. October 16th to 27th.

Pier New 46.—Repairing Croton water supply pipe by Henderson Bros. February 28th to March 19th.

Bulkhead at Bank Street.—Erection of an ice bridge, 168 feet long, by the Knickerbocker Ice Company. May 20th to 25th.

Pier at Thirtieth Street.—Erection of an ice platform and scales on north side of pier by Andrews & Stenden. May 13th to 18th.

Pier at Thirty-fourth Street.—Erection of a ferry-rack and bridge north of the pier by Daniel Butterfield. June 3d to 8th.

Foot of Thirty-ninth Street.—Erection of an ice platform 7 x 81 feet by Peter McDonnell. May 5th to 6th.

Pier at Forty-third Street.—Repairing inner 171 feet of pier by the Knickerbocker Ice Company. April 12th, 1880, to May 5th.

Bulkhead between Forty-fourth and Forty-sixth Streets.—Building of a rip-rap retaining embankment along the south side of Pier at Forty-sixth Street, and filling in behind new bulkhead by the Municipal Gas Light Company. August 20th, 1877, to August 2d.

Pier at Forty-sixth Street.—Repairs to the deck by John H. Benner. November 30th.

Between Forty-seventh and Forty-eighth Streets.—Erection of a platform by Allen & Stevens. March 22d to April 4th.

Bulkhead at Sixty-eighth Street.—Building a rip-rap retaining embankment along the centre line of Sixty-eighth Street, and filling in behind same by the New York Central and Hudson River Railroad Company. January 9th, 1880, to August 7th.

#### EAST RIVER.

Pier 6.—Repairing the pier by John H. Starin. October 7th to January 28th.

Piers 9 and 10.—Sheathing decks by S. A. Jenks & Co. Finished September 25th.



Piers 17 and 18.—Driving spring piles by the owners. September 2d.

Pier 18.—Repairing the sheathing by S. A. Jenks & Co. Finished August 12th.

Piers 20 and 24.—Driving fender piles by S. A. Jenks & Co. Finished March 20th.

Pier 36.—Driving bracing piles under the pier by Warren Roosevelt. February 9th to 25th.

Pier 38.—Repairs to part next outer crib by Maine Steamship Company. October 15th to November 10th.

Pier 40.—Lengthening the pier by Phelps Brothers. July 31st to September 25th.

Pier 41.—Repairs to easterly side by Warren Roosevelt. Finished October 21st.

Pier 46.—Repairs to outer end by Joseph V. Brown. Finished November 23d.

Pier 49.—Driving fender piles around the pier by Warren Roosevelt. April 12th to 19th.

Pier 50.—Dredging slip adjacent to westerly side by the New York, New Haven and Hartford Railroad Company. June 19th to 22d.

Pier 50.—Building platform adjacent to westerly side by the New York, New Haven and Hartford Railroad Company. June 28th to September 13th.

Pier 50.—Erection of shed on platform by the New York, New Haven and Hartford Railroad Company. August 11th to September 18th.

Bulkhead at Montgomery Street.—Construction of culvert through bulkhead by the Department of Public Works. May 3d to 18th.

Pier 52.—Erection of an ice platform 6 x 78½ feet on bulkhead east of pier by Menzie & Wheeler. May 6th to 27th.

Pier 54.—Repairing pier by H. DuBois & Sons. Finished October 22d.

Pier 56.—Rebuilding bulkhead adjoining, and building ferry-racks and platforms, by the New York Ferry Company. May 8th to January 11th.

Pier 68.—Removal of office from, to Pier 24, by the Harlem and New York Navigation Company. November 1st.

Pier at Fifth Street.—Repairs to part broken down in 1879, by Joseph V. Brown. November 25th to December 2d.

Pier at Seventh Street.—Repairing the pier by William H. Webb. July 22d to September 28th.

Pier at Nineteenth Street.—Repairing the pier by W. H. Brookman. April 19th, 1880, to July 31st.

Between Thirty-third and Thirty-fourth Streets.—Building ferry slip by the East River Ferry Company. June 7th to August 4th.

Foot of Seventy-third Street.—Erection of dumping board by Farley & McCabe. July 8th to 13th.

#### HARLEM RIVER.

Between One Hundred and Eighteenth and One Hundred and Nineteenth Streets.—Erection of a platform by Julius Jonson. January 19th to February 25th.

Foot of One Hundred and Twentieth Street.—Cutting of landing stairs in platform foot of street by the New York House of Refuge. June 11th to 14th.

Bulkhead at foot of Second Avenue.—Insertion of drain pipe in bulkhead by the Manhattan Railroad Company. June 15th.

*The following Work was done by Private Parties during the year ending April 30, 1880, and did not appear in that year's report.*

#### NORTH RIVER.

Bulkhead between Piers 14 and 15.—Erection of an open shed by

Central Railroad Company of New Jersey. February 15th to April 22d.

Bulkhead between Forty-fifth and Forty-sixth Streets.—Erection of a dumping board by the Municipal Gas Light Company. February 19th to 24th.

**EAST RIVER.**

Foot of Houston Street.—Erection of a building, 35 x 50 feet, on the "A" Pier by the Nassau Ferry Company. August 14th to March 31st.

# MAP OF THE WATER-FRONT

## OF THE CITY OF NEW YORK IN SECTIONS

SHOWING  
EXISTING & PROPOSED PIERS & BULKHEADS

PREPARED BY  
THE  
**DEPARTMENT OF DOCKS.**

1881



### NOTE,

EXISTING PIERS ARE SHOWN IN FULL BLACK LINES  
DOTTED LINES..... DENOTE THE ESTABLISHED PLAN

*Where two piers have the same number, that preceded  
by 'N' is built under the new plan, that by 'O' is not so built.*

MAP OF THE  
WATER FRONT

OF THE  
CITY OF NEW YORK  
IN SECTIONS  
SHOWING  
EXISTING & PROPOSED PIERS & BULKHEADS

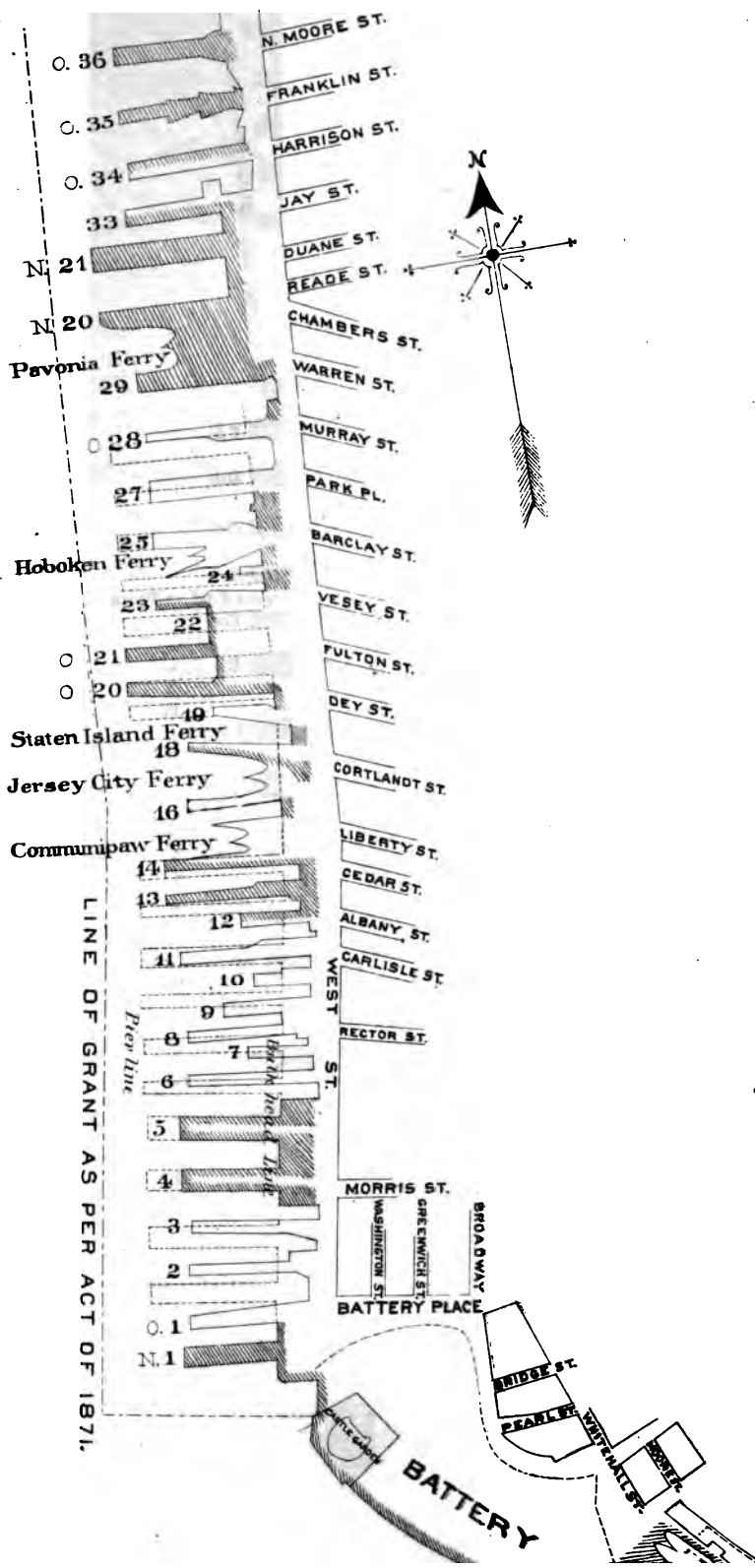
PREPARED BY  
THE  
DEPARTMENT OF DOCKS

1881

NOTE

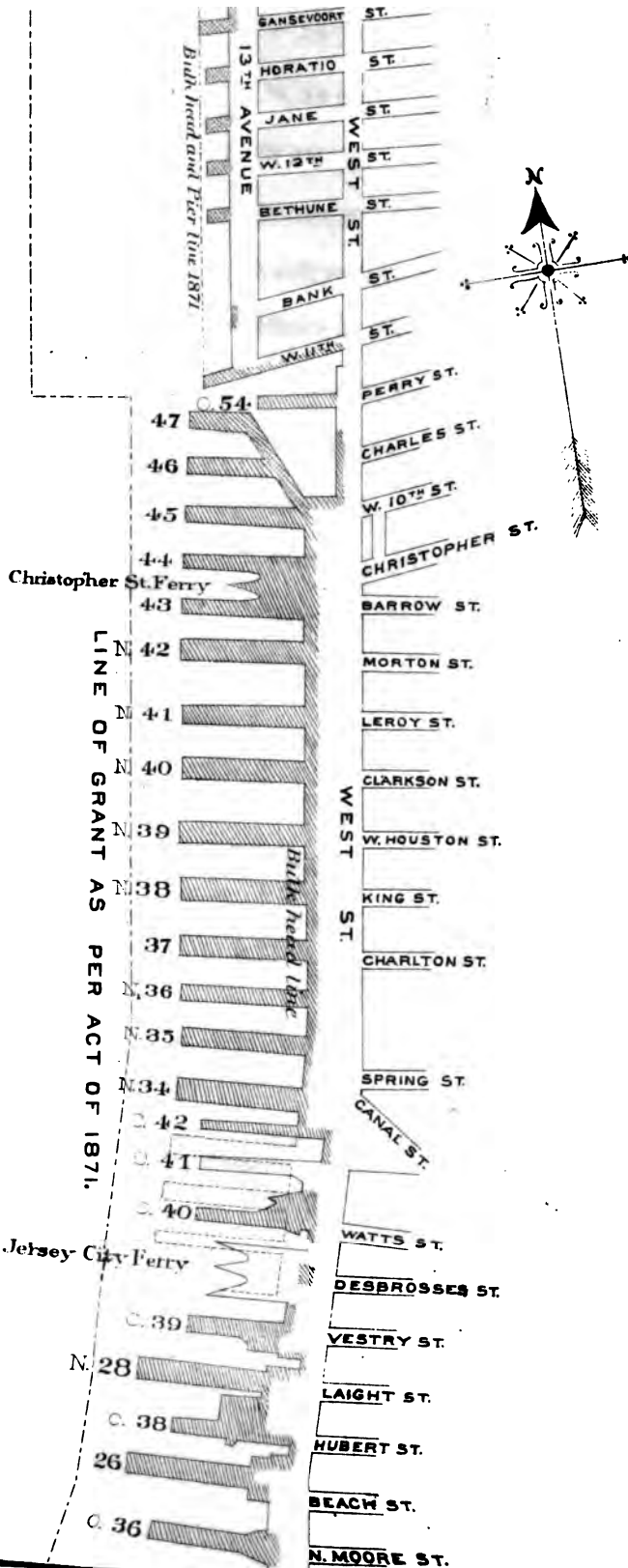
EXISTING PIERS ARE SHOWN IN FULL BLACK LINES  
DOTTED LINES DENOTE THE ESTABLISHED PLAN

Where two piers have the same number, that preceded  
by "A" is built under the new plan that by "B" is not so built.



BATTERY

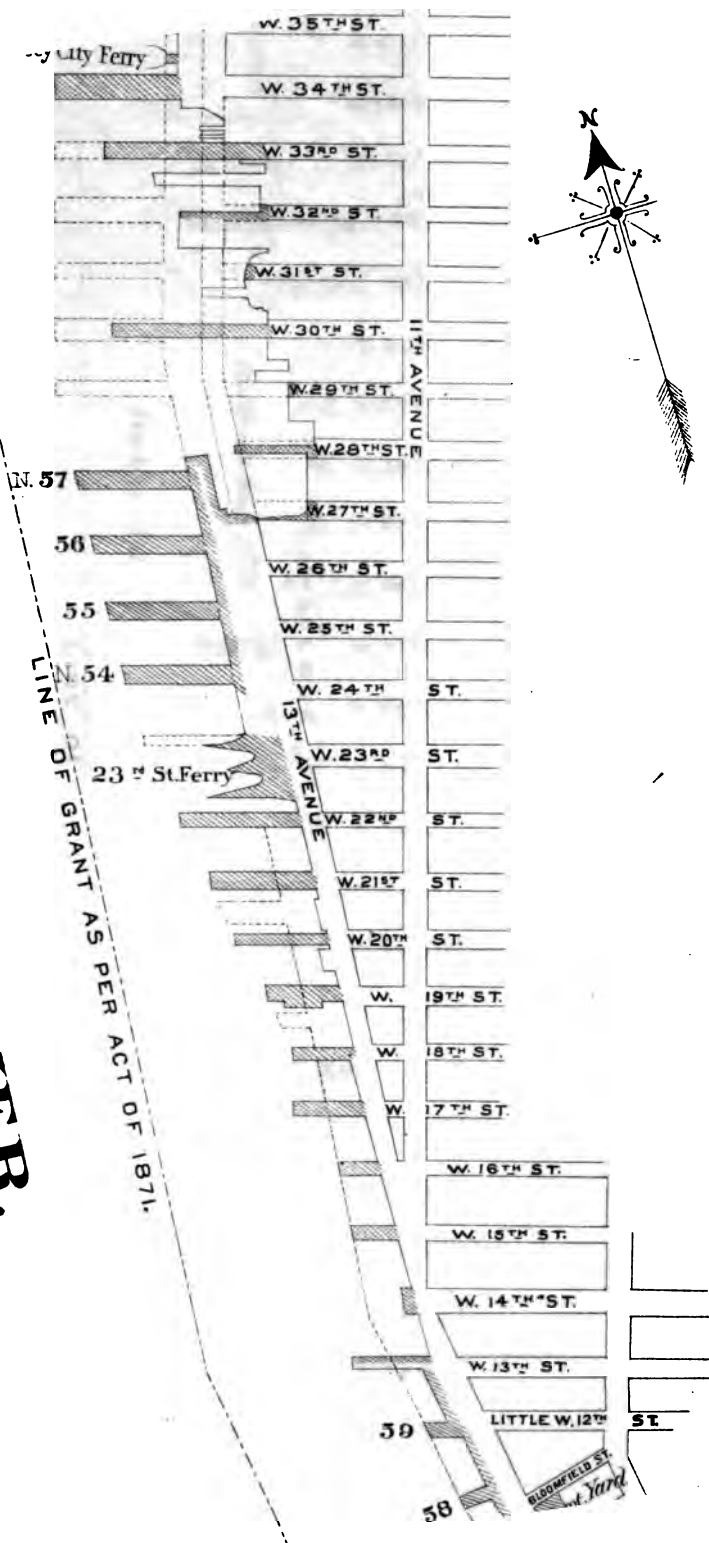
# HUDSON RIVER.







# HUDSON RIVER.



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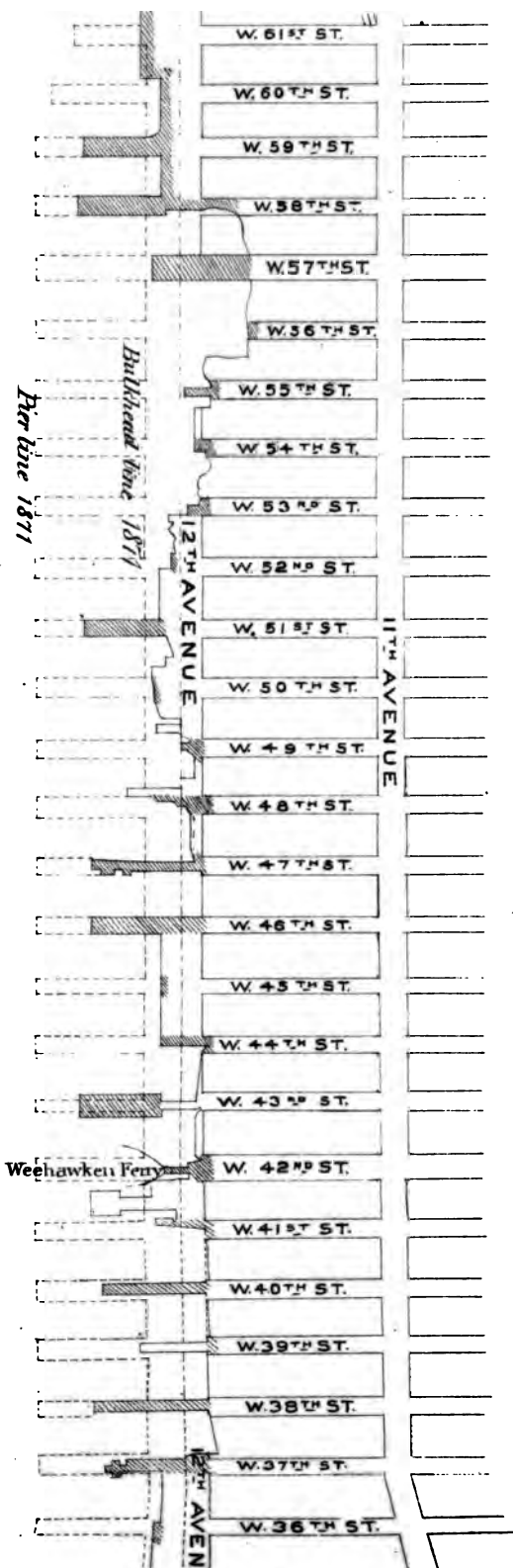
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LINE OF GRANT AS PER ACT OF 1871.

**HUDSON RIVER.**

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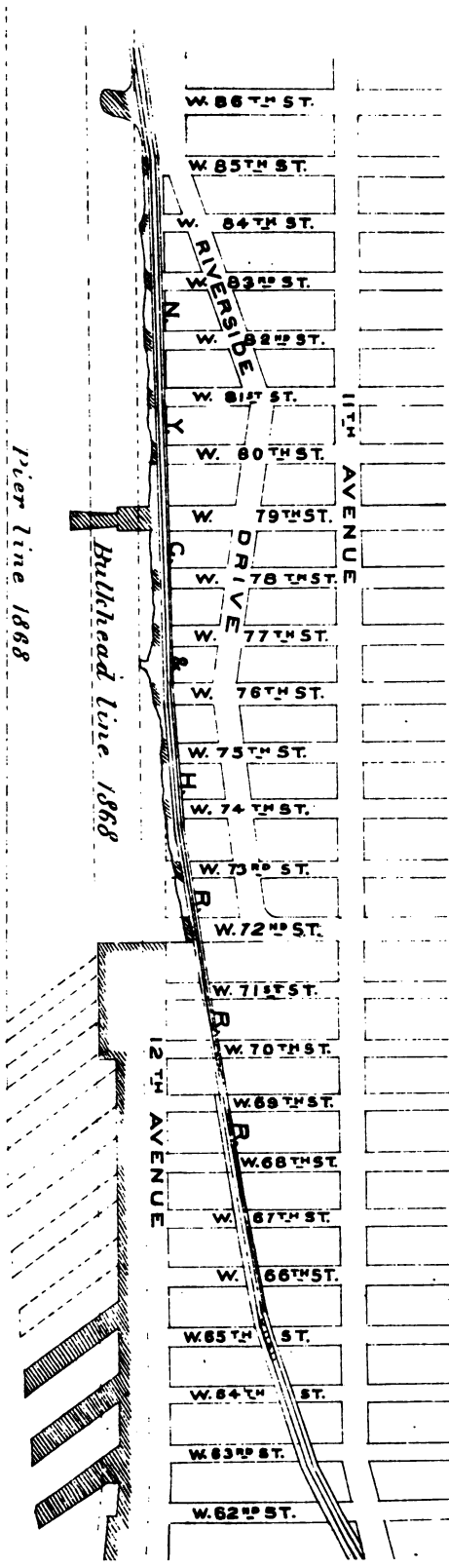
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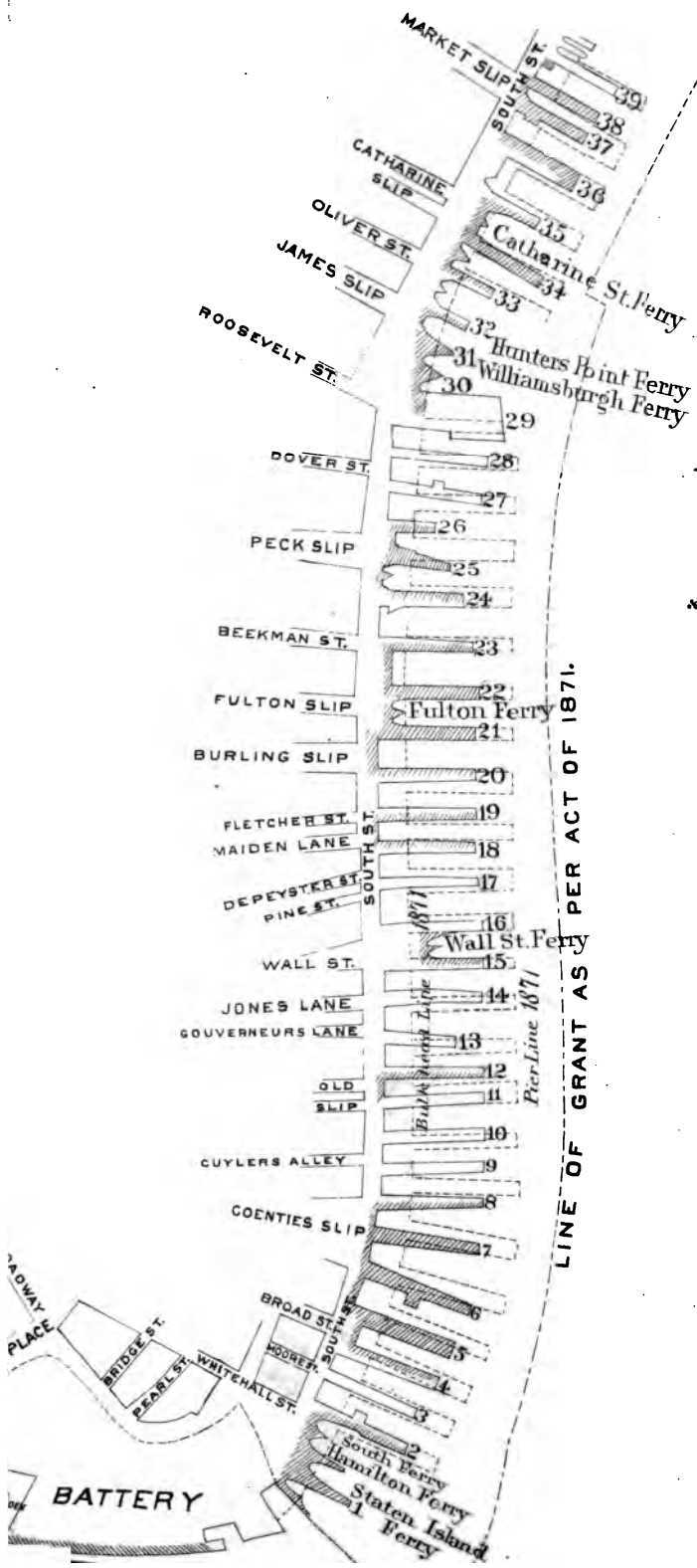




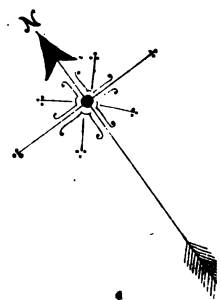
LINE OF GRANT AS PER ACT OF 1871.

# HUDSON RIVER.





LINE OF GRANT AS PER ACT OF 1871.



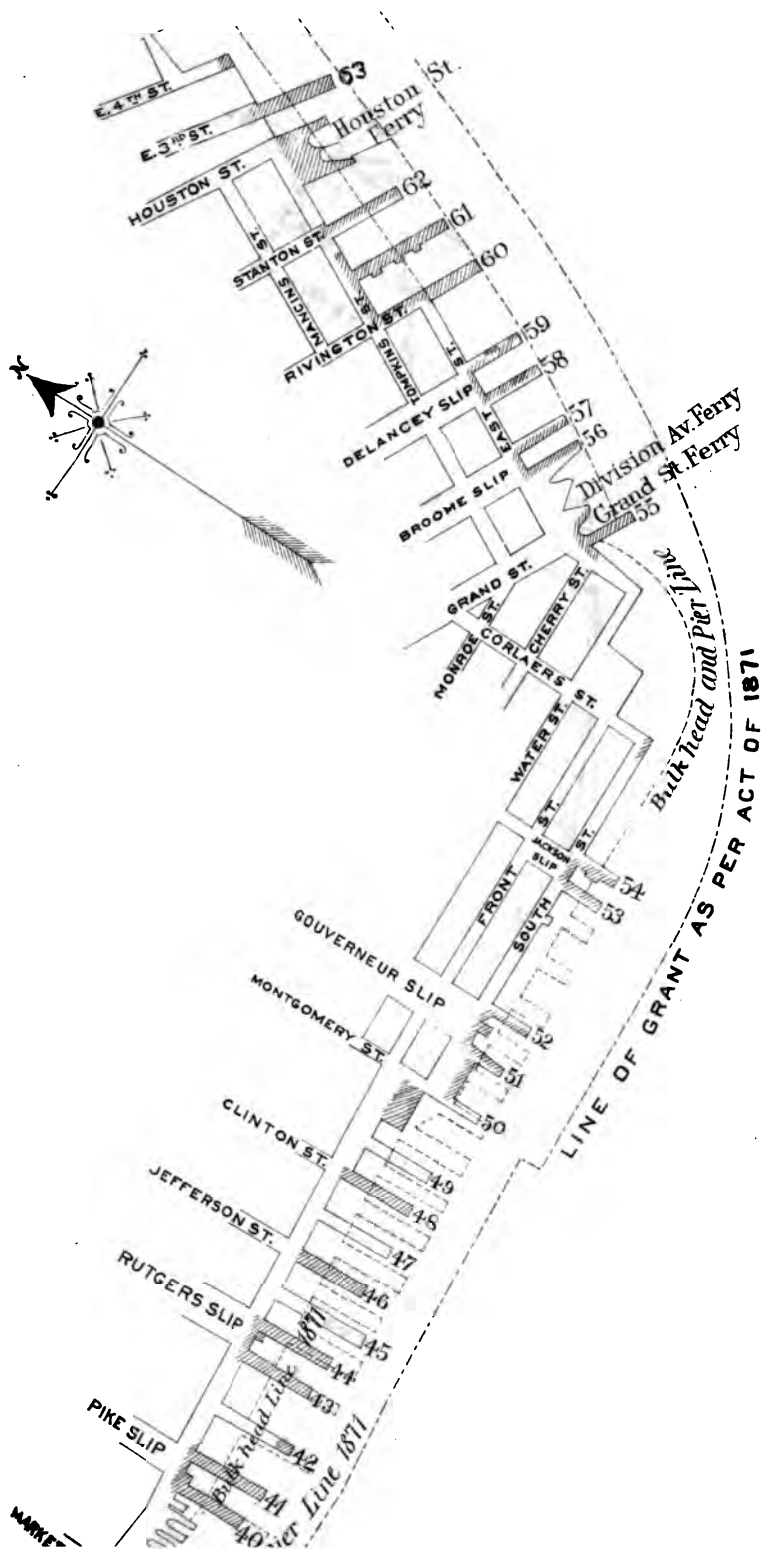
# EAST RIVER.



RECEIVED  
JUL 1 1941

RECEIVED  
JUL 1 1941

BATTERY



# EAST RIVER.

DECLASSIFIED

1. The first part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

2. The second part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

3. The third part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

4. The fourth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

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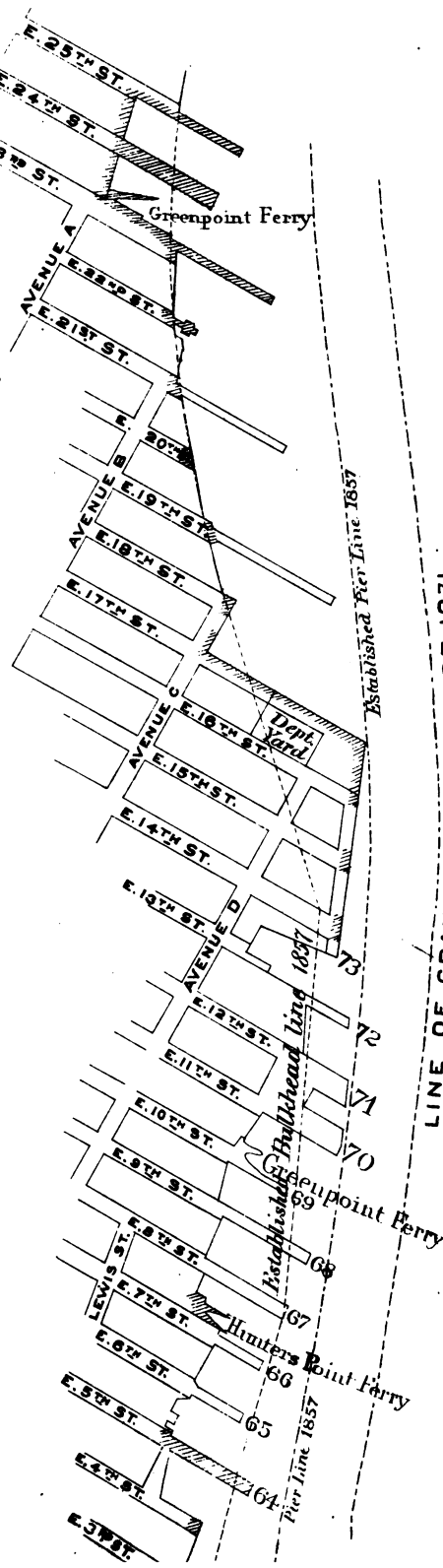
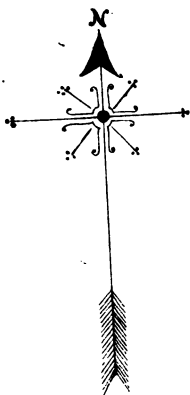
6. The sixth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.

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10. The tenth part of the document is a list of names and addresses, which appears to be a directory or a list of contacts. The names are written in a cursive script, and the addresses are listed below them.



# EAST RIVER.



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TE 1200 W

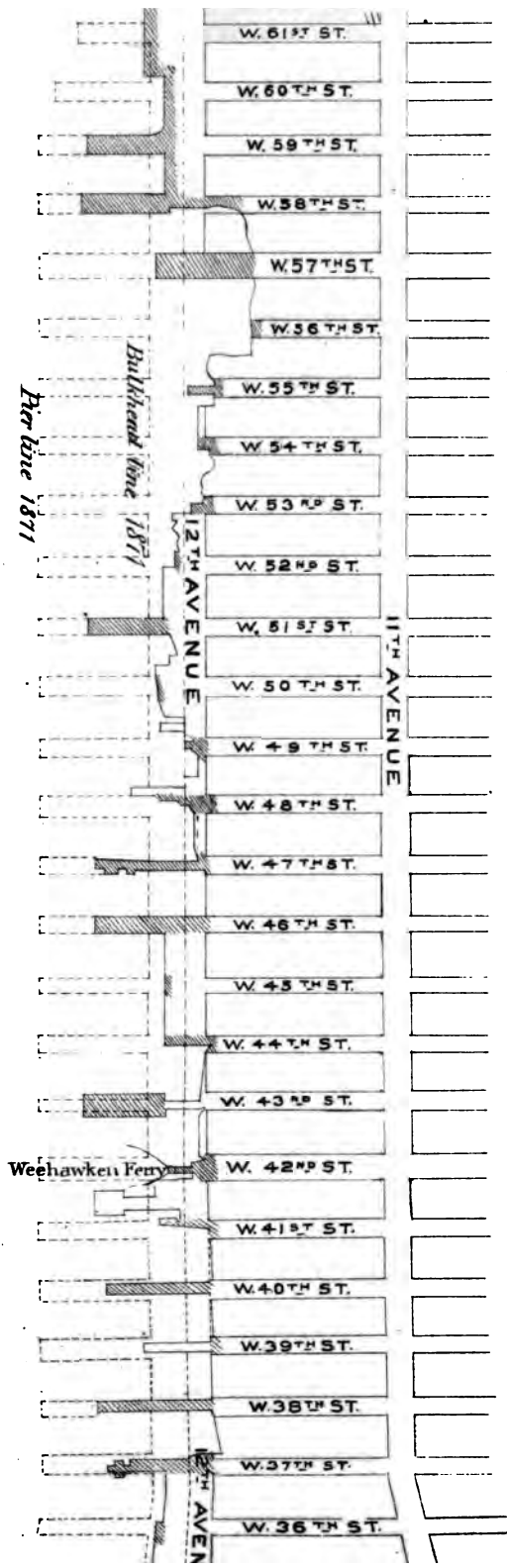
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LINE OF GRANT AS PER ACT OF 1871.

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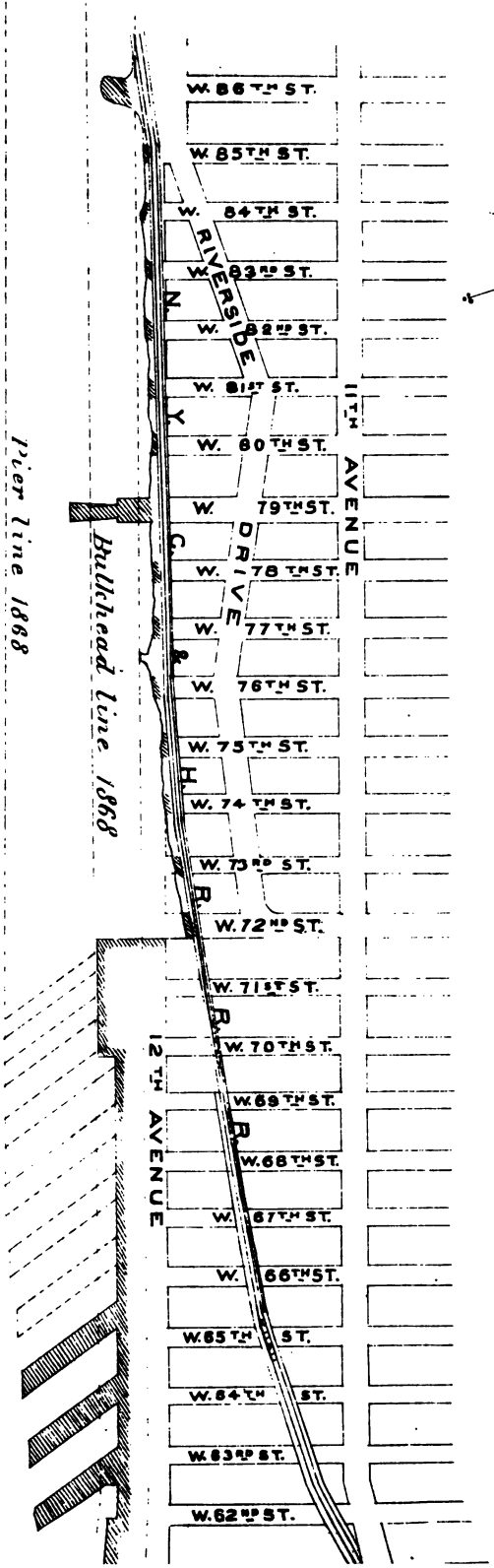


*Pier line 1868*

*Butthead line 1868*

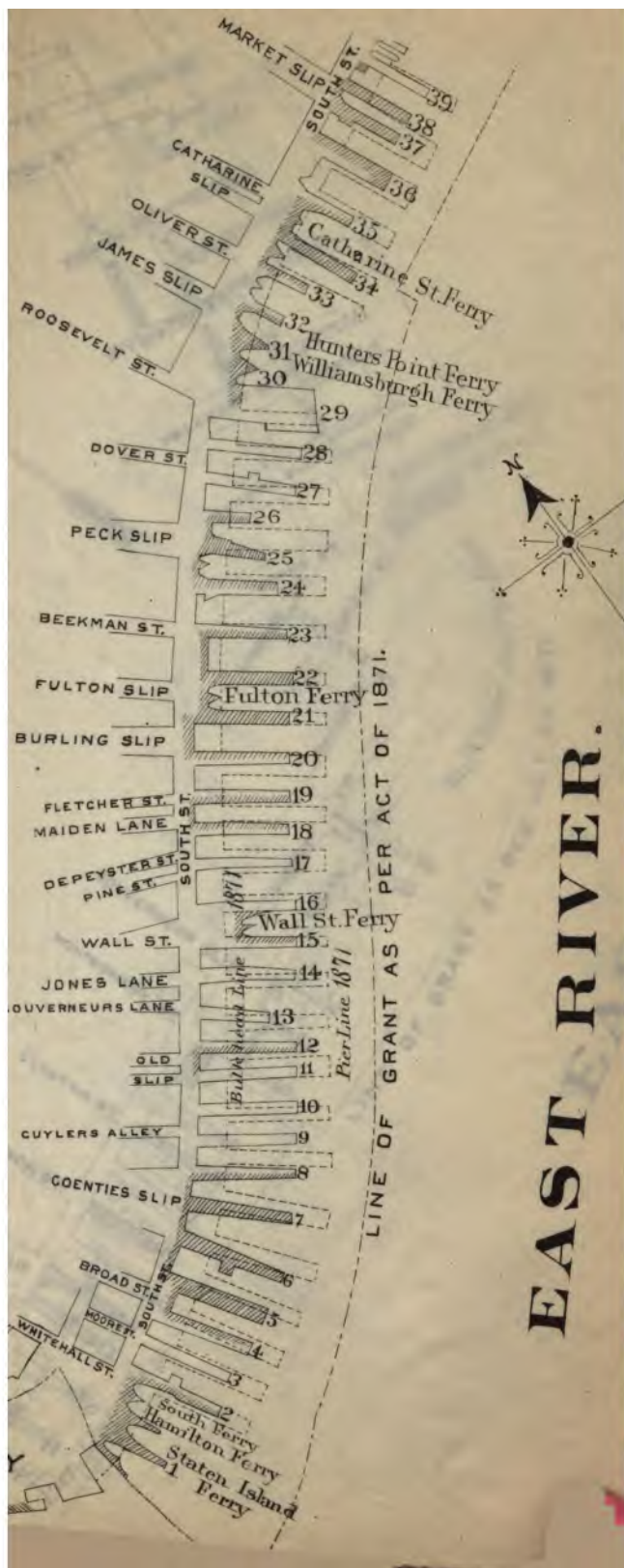
LINE OF GRANT AS PER ACT OF 1871.

# HUDSON RIVER.









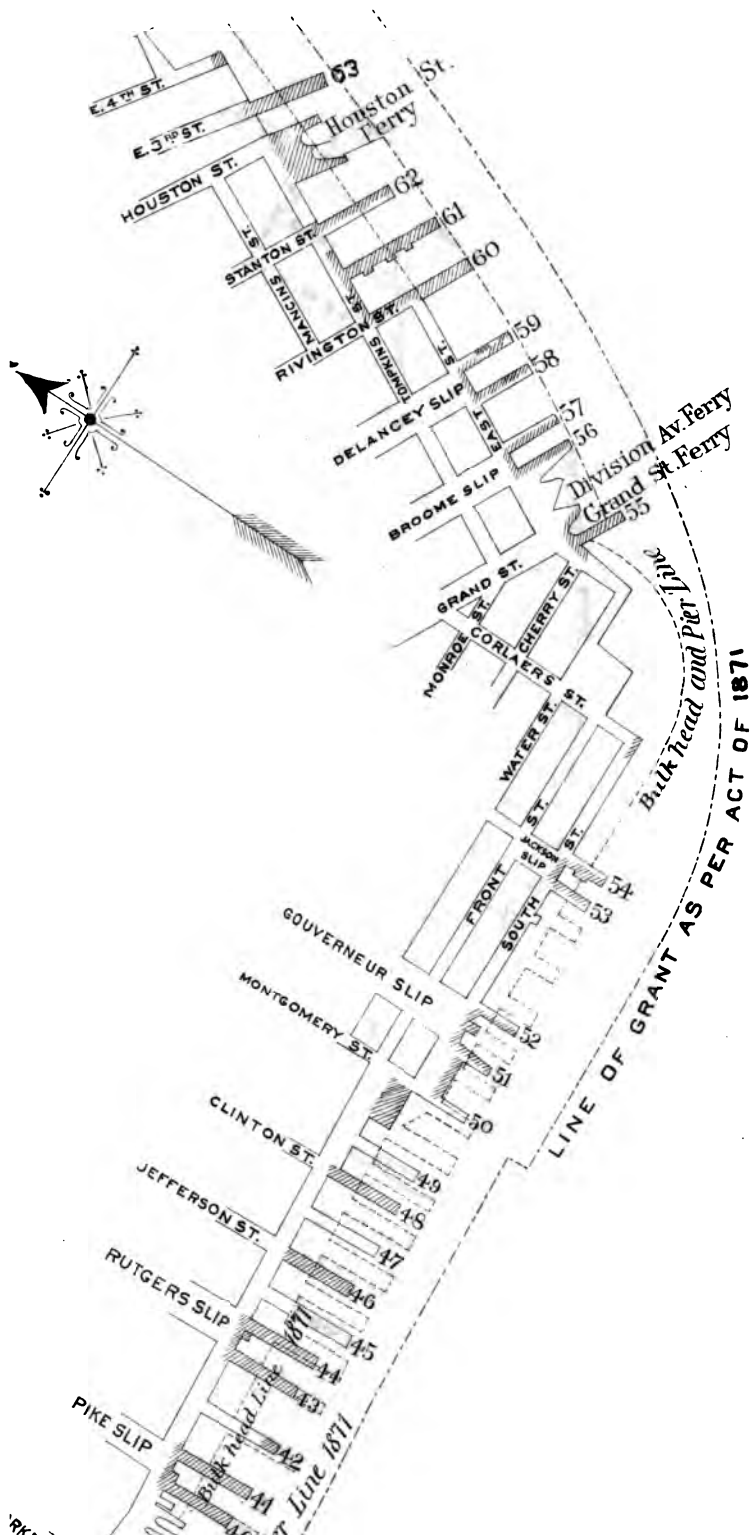
# EAST RIVER.

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U.S. AIR FORCE

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# EAST RIVER.

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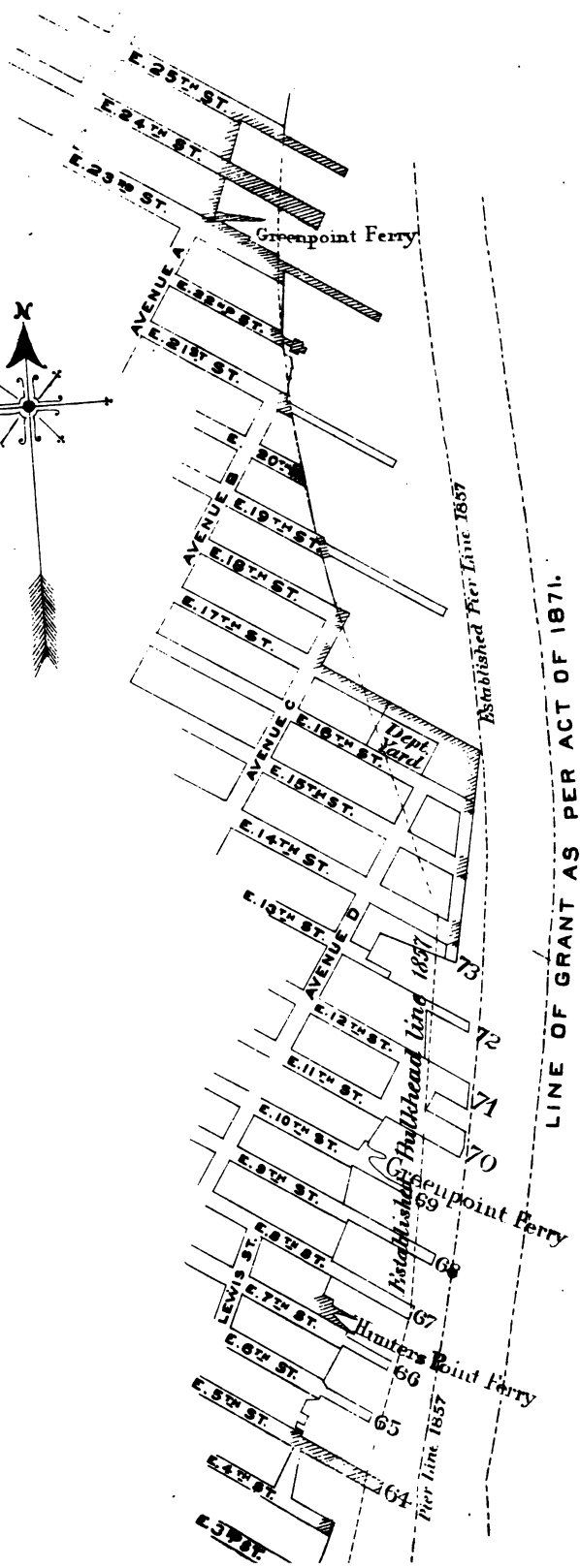
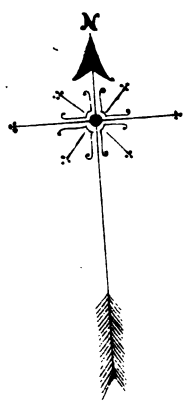
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LINE OF GRANT AS PER ACT OF 1871.

# EAST RIVER.

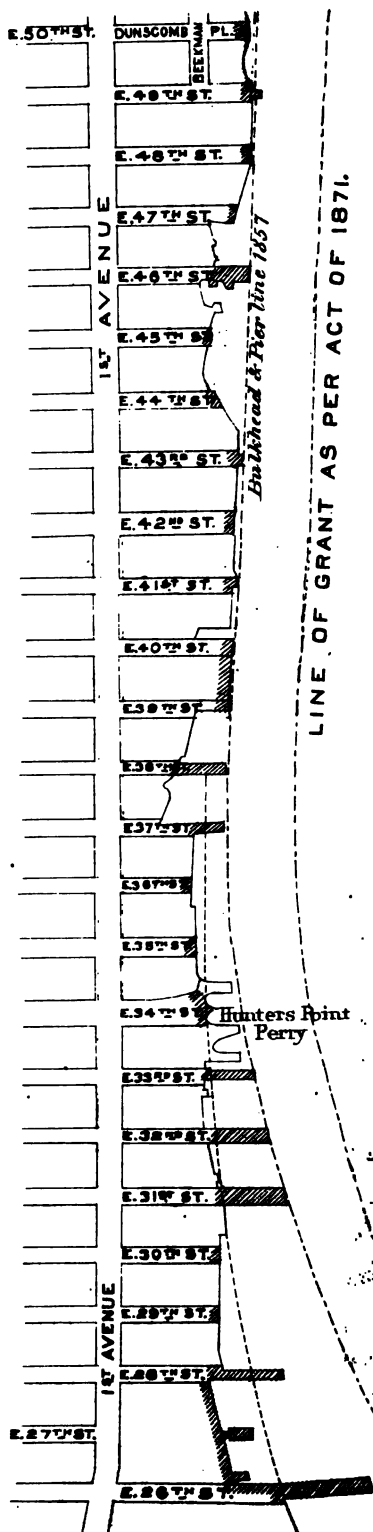
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LINE OF CREDIT AS PER ACT OF 1817

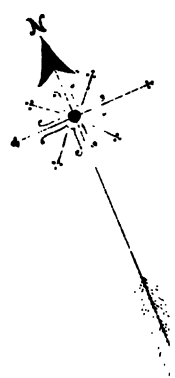
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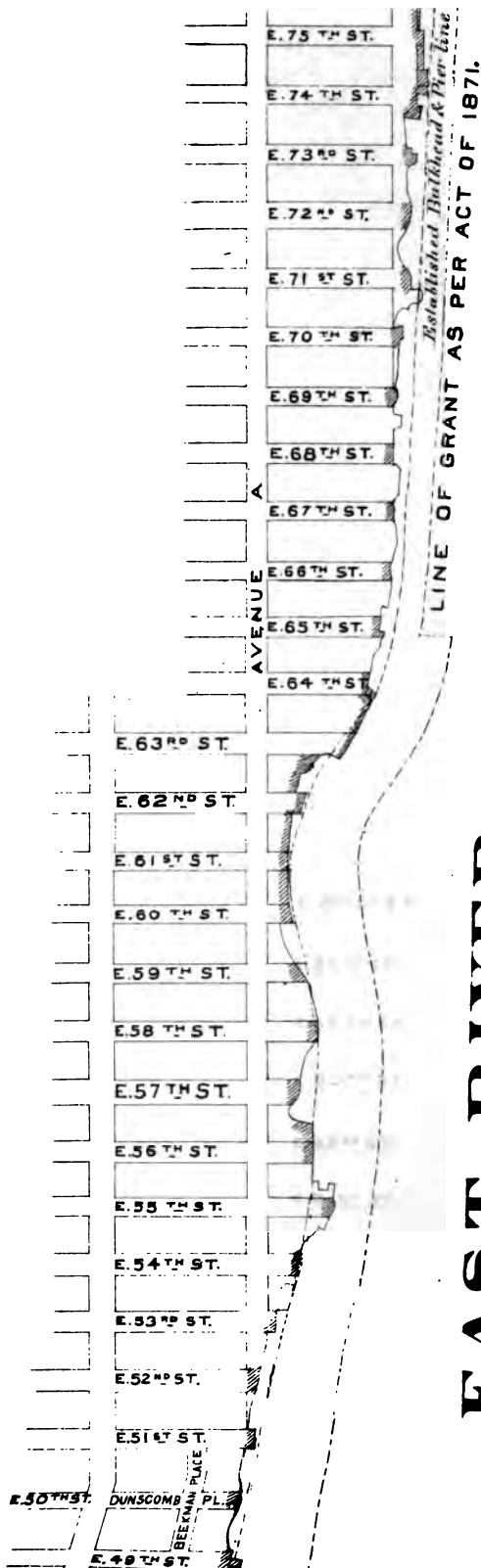
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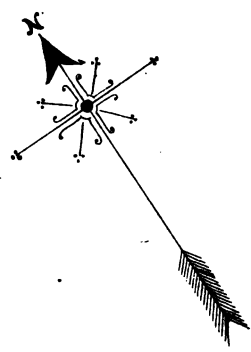
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# EAST RIVER.



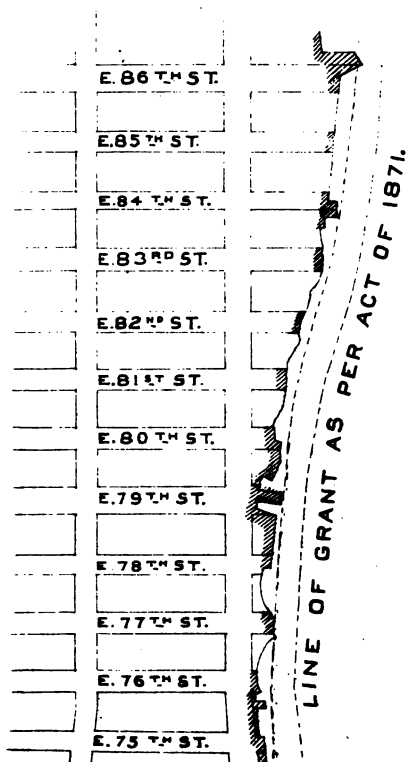
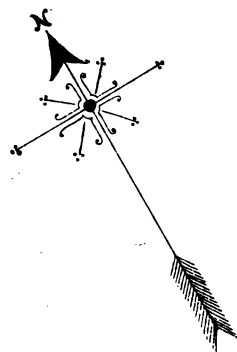
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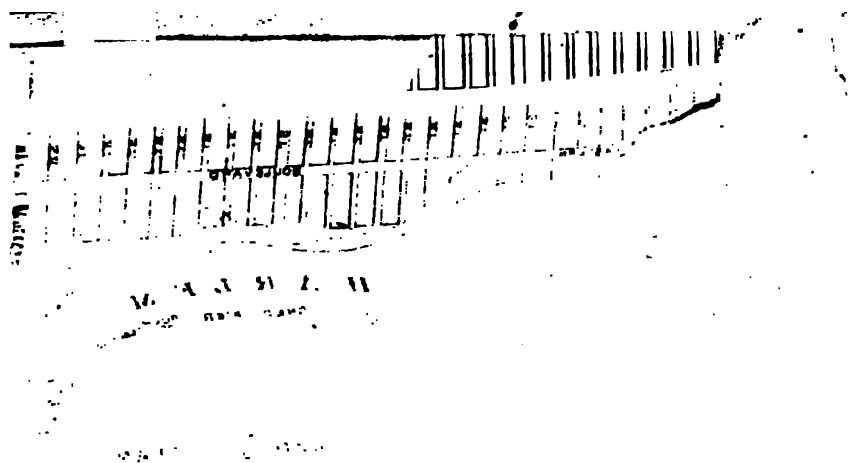
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## DEPARTMENT OF DOCKS.

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At a meeting of the Board of Docks, held May 5, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 28th ultimo, were read and approved.

A communication was received from Edward Cooper, Mayor, enclosing copy of resolution No. 7 of the Board of Aldermen, in reference to sheds on piers and bulkheads on the East river, which are claimed to exist in violation of law ; and, being read,

On motion, the Secretary was directed to advise in reply, that so far as this Department has knowledge, no sheds have been unlawfully erected upon the East river water-front of the city, and that so far as any discretionary power is vested in this Department by statute in reference to the erection of sheds on the water-front of the East river, it will be exercised, in the future, alike with due regard for the public convenience and the demands of commerce.

A copy of resolution No. 354 of the Board of Aldermen, whereby this Department is required to prevent the erection of a shed on Pier 45, East river, etc., was transmitted by Edward Cooper, Mayor, for examination and report ; and, being read,

On motion, the Secretary was directed to advise in reply that no permission has ever been granted by this Department to any one for the erection of a shed upon said Pier 45, East river ; that the provisions of chapter 249, Laws of 1875, prohibit the erection of a shed on any pier on the East river water-front of the city, which prior to the passage of said act had been used for the loading and discharging of sailing vessels regularly employed in foreign commerce, and having a draft of more than eighteen feet of water, and that, from the evidence which this Department has been enabled to secure, it is a matter of considerable doubt, as to whether the pier in question is subject to that prohibition of said chapter 249, Laws of 1875, and further, that while the Commissioners of this Department are satisfied that the Board of Aldermen has no jurisdiction on the subject matter contained in said resolution, still they will be pleased at all times to receive from said Board any recommendations respecting the water-front of the city which it may deem to be in the interest of the public.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From D. S. Babcock, President—To have repairs made to south side of Pier 33, North river, caused by him. Engineer-in-Chief directed to examine and report as to the repairs required at said premises, and an estimate of cost of doing the work.



From Commissioners of the Sinking Fund—Requesting that they be furnished with a statement of all existing leases or privileges which have been issued by this Department from its organization to the present time, whereby the use and occupancy of lands lying under water belonging to the Corporation of the City of New York has been granted to private parties, the date when such leases or privileges were made, and to whom, the rent stipulated to be paid therefor, the duration of said leases, and the area in superficial feet of each of the several parcels of land under water so leased. Chief Clerk directed to furnish the statement as requested.

From D. S. Babcock, President—For permission to erect platform adjacent to south side of Pier 33, North river. Engineer-in-Chief directed to examine and report as to the condition of said premises.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Commissioners of the Sinking Fund, in reference to applications by private parties for the rebuilding, repairing and erection of piers and bulkheads, and also as to the rentals to be charged for the use of land lying under water, belonging to the city.

From Commissioners of the Sinking Fund, approving plans for piers, etc., to be built by the N. Y. Central & Hudson R. R. Co., on the North river, between Sixty-fifth and Seventy-second streets.

Applications from said company, under date of April 1 and October 28, 1879, and January 2 and March 1, 1880, and reports of the Engineer-in-Chief on Secretary's Orders 1195 and 1488, in relation to the improvement of said water-front, taken from the table, and placed on file.

From Compagnie Générale Transatlantique, for permission to erect an awning or shed in front of their shed on Pier, new 42, North river. Applicants informed that this Department has never yet granted permission to any one for the erection of such a shed over the line of the new bulkhead, and is not at present prepared to comply with their request.

From Daniel A. Anderson, Agent of the Merchants' and Tanners' Line of Canal Boats, for permission to erect a shed on bulkhead occupied by him, between Piers, old 34 and 35, North river. Applicant informed that this Department has no power under the statute to grant permission for the erection of said shed, unless he, as lessee of the premises, is engaged in the business of steam transportation.

From Peter McDonnell, for permission to erect a platform on the south side of pier at Thirty-ninth street, North river, for landing ice. Applicant informed that this Department has no objection to his placing and retaining, under the supervision of the Engineer-in-Chief of the Department, on the south side of pier at Thirty-ninth street, North river, a platform seventy-feet long and eight feet wide, to facilitate the landing of ice, the consent of the lessee of said premises and also of the Harbor Master of the district having been filed in this office, but the Department reserves the right to cause the removal of said platform at any time it may so elect.

From Engineer-in-Chief, the following reports :

1. As to repairs being made to end of pier at Twenty-third street, East river.
2. As to work performed during week ending May 1, 1880.

3. As to repairs needed to pier at Forty-seventh street, North river. Engineer-in-Chief directed to make said repairs, in accordance with his report, at a cost of about \$600.

Reports were received from the Engineer-in-Chief submitting forms of specifications and contracts for proposals—

1. For dredging, in conjunction with the Compagnie Générale Transatlantique, the slip between Piers, new 42 and new 43, North river ;
2. For dredging at piers at Thirty-fifth and Fifty-seventh streets, North river ; and
3. For furnishing the Department with 5,000 barrels of Portland cement ;

—and, being read,

On motion, it was

Resolved, That the forms of specifications and contracts, as prepared by the Engineer-in-Chief for dredging, in conjunction with the Compagnie Générale Transatlantique, the slip between Piers new 42 and new 43, North river, and for dredging at piers at Thirty-fifth and Fifty-seventh streets North river, and for furnishing the Department with 5,000 barrels of Portland cement, be and are hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposals, as above, printed, and proper advertisements, inviting bids for doing said work and for furnishing said material, inserted in the newspapers designated by law.

On motion, the Engineer-in-Chief was directed to examine and report as to the depth of water existing on either side of Pier, new 1, North river.

On motion, the Secretary was directed to address a communication to George H. Watrous President of New York, New Haven & Hartford Railroad Co., advising that from an examination of the grants of the land at and in front of the bulkhead on South street, adjacent to and south of Montgomery street, East river, it would appear that the title to the property is vested in the city of New York, and to request that he will furnish this Department with such evidence as may be in his possession tending to establish his title to the premises in question.

On motion, John Blew was appointed Acting Foreman on temporary jobs.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held May 5, 1886.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Four proposals were received for removing all that part of Pier, old 31, near the foot of Duane street, North river, with the sheds and buildings thereon, which lies westerly of a line about fifty

et westerly of the new bulkhead line, except the crib work below low water-mark, the deck sheathing and oak fender piles, and preparing for and building a new wooden pier north of old 31, to be known as Pier, new 21, North river, as follows, to wit :

|   |      |
|---|------|
| 1. From I. Eugene White, for .....                      | \$65 |
| 2. From P. Sanford Ross and Joseph B. Sanford, for..... | 64   |
| 3. From Joseph Walsh, for .....                         | 79   |
| 4. From John Gillies, for.....                          | 65   |

and, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary

At a special meeting of the Board of Docks, held May 6, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The Auditing Committee presented an audit of five bills or claims, amounting in the aggregate the sum of \$10,315.85, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary

At a meeting of the Board of Docks, held May 12, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the reading of the minutes of the meetings held the 5th and 6th instant was dispensed with.

A communication was received from the Finance Department, stating that Ross & Contractors, are not in default or arrears to the Corporation, and, being read,

On motion, the bids received and publicly opened on the 5th inst., for removing part of old 31, North river, and building Pier, new 21, North river, were taken from the table and filed, and the following resolution adopted :

Resolved, That the contract for removing all that part of Pier, old 31, near the foot of Duane street, North river, with the sheds and buildings thereon, which lies westerly of a line about fifty feet westerly of the new bulkhead line, except the crib work below low water-mark, the deck plank, sheathing and oak fender piles, and preparing for and building a new wooden pier, north of said Pier, old 31, to be known as Pier, new 21, North river, be and is hereby awarded to P. Sanford Ross and Jos. B. Sanford, of 104 Hudson street, Jersey City, N. J., their bid for doing said work being the lowest under proposals publicly opened the 5th instant.

A communication was received from the Counsel to the Corporation, in reference to the suit of Charles E. Appleby vs. The Mayor, etc., concerning the water-front between Fifty-sixth and Fifty-eighth streets, North river, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, At a meeting of the Commissioners of the Sinking Fund of the City of New York, held August 18, 1871, the following resolution was adopted :

Resolved, That the Comptroller be and is hereby authorized to cause a grant to be issued to Charles E. Appleby, of the land under water on the North river, in front of the upland owned by him between Fifty-sixth and Fifty-eighth streets, extending to the exterior line of the city as now fixed by law, and containing the usual covenants and conditions, at \$50 per foot front, running measure ; and

Whereas, At a meeting of the Board governing the Department of Docks, held February 23, 1872, the following resolution was adopted :

Resolved, That consent is hereby given to Mr. Charles E. Appleby to take out a water grant from the city to the land under water in front of the property owned by him between Fifty-sixth and Fifty-eighth streets, North river, provided said water grant shall contain the following covenant, namely, " And it is further covenanted and agreed, and this grant is made and accepted upon the express condition that, if the Mayor, Aldermen, and Commonalty of the City of New York at any time hereafter require all or any part of the land and premises lying between the easterly side of the Twelfth avenue and the permanent bulkhead line, as shown on the annexed map, for the purpose of an exterior street, according to the plan of the Department of Docks, it shall be lawful for them to take the same, or so much thereof as they shall require, without making any compensation therefor to the party of the second part or his assigns, and if any legal proceedings should be taken to open said exterior street, no award for damages shall be made to the party of the second part or his assigns, for the lands so taken ; until said lands shall be so taken for said exterior street, it shall be lawful for the party of the second part to occupy and enjoy the same ; " and

Whereas, Under and pursuant to the provisions of section 6 of chapter 574 of the Laws of 1871, the Board of the Department of Docks, on April 13, 1871, determined upon a plan for the improvement of the water-front of the City of New York, and parts of said plan, including all that portion of said water-front lying between Fifty-sixth and Fifty-eighth streets, North river, were on April 27, 1871, approved by the Commissioners of the Sinking Fund of said city ; and

Whereas, In January, 1879, the Commissioners governing said Department of Docks deemed it for the interest of the city that said portion of the water-front lying between Fifty-sixth and Fifty-eighth streets, should be improved according to such plans, and advertised for proposals for

doing the work necessary to carry out a portion of such improvement and would have proceeded with the work if not restrained by an injunction issued by the Supreme Court, and said Commissioners now deem it for the interest of the city that such work should be proceeded with ; and

Whereas, In the opinion of the Commissioners governing said Department of Docks at the present time, both of the resolutions above recited were adopted improvidently and without authority of law therefor, and it would be, in their opinion, extremely prejudicial to the interests of the City of New York that a grant of land owned by the city, between Fifty-sixth and Fifty-eighth streets, North river, should be issued to said Appleby, or to any person ; therefore,

Resolved, That the consent given, or which purports to have been given, to the said Appleby by the said resolution adopted by the Board of the Department of Docks, February 23, 1872, to take out the water grant therein described be and hereby is withdrawn, and said last mentioned resolution be and the same is hereby rescinded.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Morris Wasel—For lease of north side of pier at Twenty-eighth street, North river. Applicant advised that this Department has no power to lease the premises in question except at public auction, and that the Commissioners will be pleased to confer with him in regard to the matter.

From the Department of Public Works—In reference to location of free floating baths for the ensuing season.

Secretary directed to advise that said Department can moor a floating bath at the Battery south of Castle Garden, and at the northerly side of pier at Bethune street, North river, also at the outer end of easterly side of Pier 51, East river, at the northerly side of pier at Fifth street, East river, and at the northerly side of pier at Thirty-seventh street, East river.

That the pier at Fifty-first street, North river, has been leased without any reservation for a public bath, and this Department will be obliged to make arrangements with the lessee for the placing of a bath thereat, in case that location be insisted on ; that the lease of the pier at Thirty-fifth street, North river, was sold at public auction on the 13th of April last, with reservation for a floating bath as occupied last season, and this Department was not aware that it was not intended to be so used.

Martin Karl, lessee of pier at Fifty-first street, North river, requested to call upon the Commissioners.

From New York, Greenwood & Coney Island R. R. & Ferry Co.—For permission to construct ferry slip and buildings at Pier 1, East river.

L. M. Scocum, President of said Company, requested to call upon the Commissioners and furnish additional information as to the contemplated improvements.

From C. Heckmann—In reference to Dumping Board being erected at the foot of Eighteenth street, East river. Superintendent Butler directed to stop the work until further orders from this Board.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Captain of the Port—In reference to the necessity for having dredging done in slips between Piers 2 and 8, East river. Secretary to advise in reply that the lessees of the wharf property of the above district were directed by this Department to do the necessary dredging thereat, and that the delay in having the work performed is due without doubt to the inability of the parties to procure dredging machines and necessary scows for the removal of the material.

From Menzie & Wheeler -For permission to place an ice bridge on north side of Pier 52, East river. Applicants informed that this Department has no objection to their placing and retaining, under the supervision of the Engineer-in-Chief of this Department, on the bulkhead north of and adjoining Pier 52, East river, a platform to facilitate the landing of ice, the consent of the lessee of said premises, and also of the Harbor Master of the district, having been filed in this office, but the Department reserves the right to cause the removal of said platform at any time it may so elect.

From Anderson & Steuden—For permission to place a platform and scales on pier at Thirtieth street, North river. Applicants notified that this Department has no objection to their placing and retaining, under the supervision of the Engineer-in-Chief of this Department, on the north side of pier foot of Thirtieth street, North river, a small platform and scales to facilitate the landing of ice, the consent of the lessee of said premises, and also of the Harbor Master of the district, having been filed in this office, but the Department reserves the right to cause the removal of said platform and scales at any time it may so elect.

From Engineer-in-Chief, the following reports :

1st. As to completion of repairs to pier at Forty-third street, North river, by the Knickerbocker Ice Co.

2d. As to repairs being made to bulkhead at Department Yard, Seventeenth street, East river.

3d. As to work performed during week ending May 8, 1880.

On motion, the Engineer-in-Chief was directed to prepare specifications and contract for dredging the slips at Twenty-third street, North river, in conformity with his report.

On motion, the following resolution was adopted :

Resolved, That upon the name of any dock-builder, laborer, watchman, or other employee on the Construction force of the Department being off the pay-rolls for a period of six months such employee shall not thereafter be assigned to duty in any capacity without the direction of this Board.

On motion, the following resolution was adopted :

Resolved, That the Secretary be and is hereby directed to notify all lessees of wharf property owned by the Corporation, who are in arrears of rent, to pay the amounts severally due from them without delay, and that in case they fail so to do within ten days from the receipt of notice to that effect, then this Department will take legal proceedings to dispossess them of the premises so leased, and collect the amounts due.

A communication was received from the Citizens' Steamboat Company of Troy in reference to their application for the temporary use of the end of Pier, old 49, North river, and, being read,

On motion, the application of said company was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the Citizens' Steamboat Company of Troy to occupy during the present year, until the close of navigation on the Hudson river, as a steamboat landing, the outer end of Pier, new 41, North river, provided that said company shall pay to this Department, as rent therefor, the sum of \$1,000 in two amounts of \$500 each, on June 1st and August 1st, respectively, and shall file in this office within ten days after receipt hereof, its written agreement to the effect that no deduction or allowance from the said rent will be made or claimed by the company, consequent upon any inconvenience or expense caused by the progress of the said work of the Department on the said pier. It being understood that all passenger steamboats desiring to land at the end of said pier shall have the privilege of doing so, upon payment to said company of legal wharfage.

On motion, Peter Burke was appointed a laborer, and the resignation of Geo. W. Nicholson, Night Watchman, accepted.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held May 19, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 5th, 6th, and 12th instant were read and approved.

A communication was received from the Board of Commissioners of Pilots in reference to a barge sunk at Pier 44, East river, laden with scrap iron, and, being read,

On motion, it was

Resolved, That the owners and consignees of the barge Townsend, loaded with scrap iron, and sunk at Pier 44, East river, be and are hereby notified and directed to remove the same from said slip without delay, or this Department will proceed to do the work at the cost and expense of the owners of said barge and cargo. On motion, the Engineer-in-Chief was directed to examine and report on the condition of the sunken barge at Pier 44, East river, and the probable cost of removing the same.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit :

From H. K. & F. B. Thurber—In reference to the necessity of dredging slip at bulkhead, adjoining the pier at West Twelfth street, North river, the same being reported as filled up to a great

stent by the debris falling into the river from the Police Dumping Board on said pier. Engineer-in-Chief directed to examine and report as to the amount of dredging required, with an estimate of the cost of doing the work.

From Gerard Beekman—For permission to extend the bulkhead between Forty-ninth and Fifty-first streets, East river, claimed to be owned by the estate of James W. Beekman.

Applicant requested to call upon the Commissioners and submit the water grant issued by the city, if he has any, for examination.

From A. H. Birdsall—In reference to having the slip between Piers 56 and 57, East river, redged, it being at present in a foul and unhealthy condition.

Engineer-in-Chief directed to examine the premises and report the amount of dredging required, with an estimate of the cost of doing the work.

From Payne and Sutherland—For permission to extend their bulkhead between Twenty-eighth and Twenty-ninth streets, East river.

Engineer-in-Chief directed to examine and report on the condition of said premises and the limits of the water grant issued by the city in front thereof.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated to wit :

From P. Sanford Ross and Jos. B. Sanford, accepting award of contract for building Pier new 21, North river, under proposals opened the 5th instant.

From Frederick Schecker, lessee—To have dredging done at pier at Fifty-seventh street, North river.

From M. Goodwin, lessee—To have dredging done at bulkhead at Twenty-ninth street, East river.

From Knickerbocker Ice Co.—For permission to erect platform for landing ice at the bulkhead north of Bank street, North river, leased by said company.

Applicants informed that this Department has no objection to their placing and retaining, under the supervision of the Engineer-in-Chief of this Department, on bulkhead north of Bank street, North river, a platform to facilitate the landing of ice, the consent of the Harbor Master of the District having been filed in this office ; provided that said platform shall be removed by the 1st of October next, at their own cost and expense.

From W. H. Wood—In reference to stone piled upon Pier 56, East river, by the New York Ferry Co., endangering the safety of the pier.

Secretary directed to notify said company to remove the stone from said pier, and to keep the premises free therefrom in the future.

From Geo. Yonge, agent—For permission to extend the shed on Pier new 35, North river, eastwardly to the new bulkhead wall.

Applicant notified that on submitting plans for the erection of said shed, this Department will pass upon his application.

From Engineer-in-Chief—Report as to work performed during week ending May 15, 1880.



From John Butler, Superintendent—In reference to Dumping Board at Eighteenth street, East river.

From Chas. H. Longstreet—In reference to rent due from him as lessee of pier at Fifty-first street, East river.

Secretary directed to advise in reply that the arrearages of rent due from him must be paid to this Department without further delay, in default of which, action will be taken to dispossess him of the premises in question.

The Auditing Committee presented an audit of thirteen bills or claims, amounting in the aggregate to the sum of \$1,659.85, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Secretary was directed to address a communication to the Police Department, referring to the interview had by John R. Voorhis in reference to the removal of the dumping-board from Laight street to Hoboken street, North river, and requesting that the work of removal be commenced by the Police Department with the least possible delay, in order that the work of improving the water front at the foot of Laight street by this Department can be proceeded with.

The Treasurer reported that he had conferred with Martin Karl, lessee of pier at Fifty-first street, North river, and arranged to have the public bath placed thereat, as requested by the Department of Public Works, and that he had agreed to allow said lessee a rebate of his rent for such use during the present season, in the sum of \$300; also that Scott & Co., lessees of pier at Thirty-fifth street, North river, had consented to pay to this Department, on the 1st of November next, additional rent in the sum of \$350, in consequence of said public bath not being located at the pier leased by them, as was intended under reservation made at public sale of the lease on April 13, 1880.

On motion, the following resolutions were adopted:

Resolved, That an allowance from rent be and is hereby made to Martin Karl, lessee of pier at Fifty-first street, North river, in the sum of \$300, consequent upon the loss of use to him of a portion of said pier during the present season, by reason of the placing thereat of a public bath.

Resolved, That permission be and is hereby given to Scott & Co., lessees of pier at Thirty-fifth street, North river, to occupy and use during the term of their present lease, that portion of the northerly side of said pier reserved as for a public bath, at public sale of lease to them on April 13, 1880, said portion of the pier not being now required for that purpose, they paying as additional rent therefor to May 1, 1881, the sum of \$350, payable on November 1, 1880.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held May 26, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 19th instant were read and approved.

A communication was received from Daniel Butterfield, President, asking that permission be given to drive piles and moor a ferry float between Thirty-fourth and Thirty-fifth streets, North river, to facilitate the landing of wagons, etc., and enclosing the consent of the Manhattan Market Company, owners of bulkhead between said streets, and of Scott & Co., lessees of piers at Thirty-fourth and Thirty-fifth streets, North river, to the mooring of the float at said premises, and, being read, and the Engineer-in-chief reporting on Secretary's Order No. 1562, that there appeared to be no objection to the mooring of the float as proposed.

On motion, the following resolution was adopted :

Resolved, That permission be and is hereby granted to Daniel Butterfield, President, to moor a float or bridge in front of the bulkhead adjoining the north side of the pier at Thirty-fourth street, North river, and to drive piles in front of the same, in order to facilitate the landing of wagons, etc., the consent thereto of the owners of the said bulkhead and the lessees of the piers at Thirty-fourth and Thirty-fifth streets having been filed in this office. The work hereby authorized to be done under the supervision of the Engineer-in-Chief of this Department, and to remain till the 1st of May, 1881, unless previously ordered by this Board to be removed therefrom.

A report was received from the Engineer-in-Chief on the condition of the bulkhead between Twenty-eighth and Twenty-ninth streets, East river, and, being read,

On motion, the application of Payne and Sutherland to extend their bulkhead at said premises was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to Jemima Payne, executrix, and James Sutherland, to erect a platform on piles in front of their property, between the south line of Twenty-ninth street and the middle of the block, between Twenty-eighth and Twenty-ninth streets, East river, and to extend the same out to the established bulkhead line. The said platform to be built in accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, and all the work to be performed under the supervision of that officer.

On motion, the application of the New York, New Haven and Hartford Railroad Company for permission to erect a platform in front of the bulkheads on South and Montgomery streets, East river, and the report of the Engineer-in-Chief on Secretary's Order No. 1524 in relation to the same, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the New York, New Haven and Hartford Railroad Company, occupants of bulkheads at Montgomery and South streets, East river, to drive piles in front of said bulkheads and erect thereon a platform for the delivery of freight, said platform to be about 183 feet in length on South street, and to extend into the river about 105 feet,

provided said company shall within ten days from this date file in this office its written agreement to pay to this Department, as rent for the land under water belonging to the city covered by said platform, the sum of \$4,000 per annum, payable on the usual quarter days in advance, said rent to commence from 1st June proximo, and also previously to driving said piles, to dredge the space to be covered by said platform to a depth of at least ten feet at mean low water, and to maintain such depth of water thereat, during the term of the company's occupancy of said platform. The plans for the said improvement to be first submitted to and approved by the Engineer-in-Chief of this Department, and all the work to be done under the supervision of that officer. The said piles and platform to remain during the pleasure of this Board, and to be removed whenever so ordered, at the cost and expense of said company.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Department of Public Charities and Correction—To have coal-yard dock at Blackwell's Island repaired. Engineer-in-Chief directed to examine the premises, and if the cost of making the repairs shall not exceed \$100, to have the work performed.

From Department of Public Charities and Correction—To have the dock at Bellevue Hospital repaired. Engineer-in-Chief directed to examine and report the repairs required, and the cost of doing the work.

From H. D. & J. U. Brookman, protesting against the use of bulkhead at Eighteenth street, East river, as a dumping-board. Superintendent Butler directed to cause all dumping of material at said place to cease, and the Engineer-in-Chief to examine and report on the condition of said bulkhead and water front thereat.

From Morris Wasel, offering \$400 rent for the upper side of pier at Twenty-eighth street, North river. Applicant requested to call upon the Commissioners in reference to the same.

From Department of Public Charities and Correction—In reference to gang-planks or other appliances for shipping fire apparatus to the various islands under their charge, from the runways constructed by this Department on piers on the East river. Engineer-in-Chief directed to call upon said Department in reference to the same.

From W. L. Cutting, executor—To build bulkhead in front of his property between Fortieth and Forty-first streets, East river. Engineer-in-Chief directed to examine and report as to the condition of said premises and limits of the water grant issued by the city.

From C. H. Eldridge and others—As to the want of pier accommodation on the East river, between Twenty-third and Thirty-fourth streets.

From New York House of Refuge—For permission to cut a gangway in the dock at One Hundred and Twentieth street, Harlem river, to facilitate the landing of passengers, etc., belonging to the institution. Engineer-in-Chief directed to examine and report if any objection exists to granting the application.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Counsel to the Corporation—To have a model made of the derrick used in the Department yard at East Seventeenth street, for use in the suit of Michael O'Mally vs. the Mayor, etc. Engineer-in-Chief directed to have one constructed in accordance with the above request.

From Department of Public Works, Chicago, requesting certain data in reference to the work of dredging performed by this Department. Referred to the Engineer-in-Chief for proper reply.

From Finance Department—With approval of sureties to contract awarded to P. Sanford Ros and Joseph B. Sanford for building Pier new 21, North river.

From Manhattan Railway Co.—For permission to insert a drain-pipe in bulkhead at Second avenue and Harlem river. Application granted, said pipe to be removed whenever so ordered by this Department.

From Thomas R. A. Hall and others, remonstrating against the dumping of material from the Dumping Board at Eighteenth street, East river.

From New York Ferry Co.—In relation to the removal of stone placed by them on pier at foot of Broome street, East river.

From Engineer-in-Chief, the following reports:

1. As to the dredging required in slip between Twenty-third and Twenty-fourth streets, North river. Application of Twenty-third Street Railway Co. to have dredging done thereat taken from the table and placed on file.

2. As to work performed during week ending May 22, 1880.

3. As to buildings, etc., at the Department yard at East Seventeenth street which require to be painted. Referred to the Treasurer.

4. In reference to the broken mooring-post on Pier, new 1, North river. Engineer-in-Chief directed to have the same replaced, at a cost of about \$75.

5. As to the repairs required to the south side of Pier 33, North river. Application of D. S. Babcock, President, lessee, taken from the table and placed on file, and the Engineer-in-Chief directed to repair the premises with old material, in accordance with his report, on Secretary's Order No. 1544, at a cost of about \$950.

From Flanagan & Bright—In reference to suit of the Mayor, etc., vs. W. H. Webb, for damage done to pier at Thirty-seventh street, North river. Secretary directed to confer with the Counsel to the Corporation in reference to the same.

On motion, the owners of Pier 13, East river, were directed to repair the planking thereof, it being reported by Superintendent McConkey as being in bad condition.

On motion, the Engineer-in-Chief was directed to examine and report what repairs are necessary to be made to Pier 46, East river, and to cause the removal of the dirt on the surface of pier at Fifty-fourth street, East river, and also to repair the sheathing on pier at Third street, East river, at a cost not exceeding \$100.

On motion, Thomas Fitzpatrick, lessee of pier at Twenty-eighth street, East river, was directed to make the necessary repairs to the premises, in accordance with the terms and conditions of his lease, they being reported as in an unsafe condition.

A communication was received from the Engineer-in-Chief, as to the material dredged by the Union Dredging Company with the Department dredges, for the month of April, 1880, and the

amount of material removed by said company in the scows belonging to the Department during the months of February, March and April, 1880, and, being read,

On motion, it was

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$1,761.86, and present the same to the Union Dredging Company, for payment, being for use of scows of the Department, in removing from February 1st to April 30, 1880, 31,653 cubic yards of material dredged by said company, under orders of the Treasurer of this Department, at two cents per cubic yard, and also for the use of Department dredges in excavating 11,288 cubic yards of material, at ten cents per cubic yard.

On motion, John O'Niell was appointed a laborer, and William Kiely a dock builder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held May 28, 1880.

Present—Commissioners Dimock and Vanderpoel, and Henry J. Storrs, representing the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

One proposal was received for dredging slip between Piers new 42 and new 43, North river, at the rate of 32 cents per cubic yard, from C. H. Loomis, and being read, was,

On motion, laid on the table for examination.

On motion, the board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held May 29, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, stating that Chandler H. Loomis, contractor, is not in default or arrears to the corporation, and being read, was,

On motion, placed on file.

A communication was received from Louis de Bebian, agent Compagnie Générale Transatlantique, stating that the proposal received from Chandler H. Loomis, for dredging the slip be-

tween Piers new 42 and new 43, North river, at the rate of 32 cents per cubic yard, was satisfactory to him, and that he would execute the contract for said work, when prepared, and, being read, was,

On motion, placed on file.

On motion, the proposal received and opened on 28th inst., for dredging the slip between Pier new 42 and new 43, North river, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for dredging the slip between Piers new 42 and new 43, North river, be and is hereby awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, his bid for doing said work being the lowest received and opened May 28, 1880, Louis de Bebian, agent of the Compagnie Générale Transatlantique, lessee of one-half of said slip, having advised this Board in writing that the bid of said Loomis is satisfactory to him.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held June 2, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 26th, 28th, and 29th instant, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Joseph Jenks & Bro.—For permission to erect a small shed on end of pier at Twenty fifth street, North river, and enclosing consent thereto of the lessees of the pier. Applicant requested to submit plans for the proposed structure.

From S. L. Merchant—In reference to quality of cement purchased by the Department of Docks. Referred to the Engineer-in-Chief for examination and report.

From Michael Brien—To use water-front at Eighth avenue and Harlem river, as a landing for passenger boats. Engineer-in-Chief directed to examine and report in reference to the same.

From Phelps Bros. & Co., Lessees of Pier 40, East river—For permission to extend said pier and for an extension of their lease.

From Thomas Fitzpatrick—As to the repairs necessary to be made to Piers at Twenty-eighth street, East river, and at Thirtieth street, North river, leased by him. Engineer-in-Chief directed to examine the premises and report on the condition thereof.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Phenix Insurance Company—In reference to the barge Townsend, laden with scrap iron, sunk at Pier 44, East river.

From Chandler H. Loomis—Accepting award of contract for dredging the slip between Piers new 42 and new 43, North river.

From D. S. Babcock, President, Providence and Stonington Steamship Company, stating that the dredges and scows belonging to the contractors with this Department, at work in the slip at Pier 33, North river, obstructed free access to the south side of said pier, thereby causing great inconvenience and delay in the berthing of their boats. Engineer-in-Chief directed to keep the said slip as free as possible from the dredges, etc., employed in the work of construction at that point, and applicant informed that this Department will do all in its power to abate the inconvenience referred to, but, if owing to the work of construction, the premises leased by him, cannot be used, this Department will relieve him of the same if desired.

From Police Department, requesting to have certain piers on the North and East rivers placed in such condition as to be adapted to the wants of the Police Department in its work of removing street dirt, etc.

Secretary directed to advise in reply, that an examination will be made of the premises referred to, and that as far as the piers are concerned, this Department will place them in safe and proper condition. The Counsel to the Corporation has given his opinion to the effect that this Department is not authorized by law to expend any of its moneys derived from the sale of Dock Bonds for the erection or maintenance of dumping boards in use by the Police Department, and that when this Department has set apart for the use of the Board of Police, in carrying on the business of street cleaning, such piers, constructed in the ordinary manner, as may be required for such business, it has performed the whole duty imposed upon it by section 4, chapter 677 Laws of 1872.

From Charles K. Graham, Surveyor of the Port, enclosing communication from W. C. Coulsen, 1st Lieutenant, commanding Steamer Washington, stating that on Saturday, May 22, while the British Steamship Crown, of New Castle, was lying at anchor off Bedloe's Island, a large quantity of ashes was thrown from said steamer into the Harbor. Referred to the Board of Commissioners of Pilots for proper action.

From Commissioners of the Sinking Fund—Approving of the alterations made in the lines of Pier new 36, North river.

From Engineer-in-Chief, the following reports :

1. As to the condition of platform between One Hundred and Twenty-ninth and One Hundred and Thirtieth streets, North river. Engineer-in-Chief directed to repair said premises, in accordance with his report, at a cost of about \$100.

2. As to dredging slip between Piers 56 and 57, East river. Communication from A. H. Birdsall in reference to the foul condition of the premises, taken from the table and placed on file, and the Engineer-in-Chief directed to make requisition for the necessary dredge, scows, and labor

to excavate and remove from said slip about 3,000 cubic yards of material, provided the work can be done at a cost not exceeding 30 cents per cubic yard.

3. In reference to the repairs necessary to be made to the dock at Bellevue Hospital. Application from Department of Public Charities and Correction, in reference to the same, taken from the table and placed on file, and the Engineer-in-Chief directed to repair the premises in accordance with his report on Secretary's Order No. 1,570, at a cost of about \$450.

4. In reference to the cutting of a gangway in the pier at One Hundred and Twentieth street Harlem river. Application from New York House of Refuge to cut a gangway in said pier, at their own cost and expense, was taken from the table and placed on file, and permission granted.

5. In reference to certain changes in the specifications of the repairs ordered to be made by the owners of pier at Seventh street, East river. Approved.

6. As to work performed during week ending May 28, 1880.

The Auditing Committee presented an audit of six bills or claims, amounting in the aggregate to the sum of \$11,033.36, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the following resolution was unanimously adopted :

Resolved, That the Commissioners of the Sinking Fund, pursuant to the authority vested in them by subdivision 11, section 6, chapter 574, Laws of 1871, be and are hereby respectfully requested to direct the Comptroller of the City of New York to prepare and issue "Dock Bonds of the City of New York," for the amount of (\$250,000) two hundred and fifty thousand dollars for the uses and purposes of the Department of Docks.

George Yonge, agent and lessee of Pier, new 35, North river, appeared and presented plans in reference to the extension of shed on said pier, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to George Yonge, agent, lessee of Pier new 35, North river, to extend the present shed on said pier eastwardly to the new bulkhead wall for a distance of about twenty feet, and of the width of the pier, for the protection of property received and discharged thereat by steam transportation, said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with plans on file in this Department, all the work to be done under the supervision of the Engineer-in-Chief of this Department, and said shed to remain during the pleasure of this Board.

The Secretary stating that the right to collect and retain all wharfage accruing at the northern side of pier at Thirty-third street, East river (except reservation on the outer end for a steamboat landing) for and during the term of ten years from the 1st of May, 1881, had been sold at public sale, held by James M. Oakley & Co., auctioneers, on May 27, ultimo, pursuant to the action of the Board on 28th April last, to the highest bidder therefor, viz., The East River Ferry Company, at \$1,000 per annum, said sum being the upset price,



On motion, it was

Resolved, That the sale of the said right upon the terms as reported by the Secretary, be and is hereby approved and confirmed, and the officers of the Board be and are hereby authorized and empowered to execute the necessary lease therefor, when prepared and approved as to form by the Counsel to the Corporation.

On motion, the application of the East River Ferry Company, to erect a ferry slip between Thirty-third and Thirty-fourth streets, East river, and the opinion of the Counsel to the Corporation in reference to the same, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the East River Ferry Company, lessees of ferry premises at Thirty-fourth street, East river, to drive piles and construct an additional ferry slip in front of the bulkhead between Thirty-third and Thirty-fourth streets, East river, claimed to be owned by them, said company having purchased the lease of the pier at Thirty-third street, East river (except the outer end thereof), for the term of ten years, from May 1, 1881, at sale held May 27, 1880, and having filed in this office the consent of the Knickerbocker Ice Company, present lessees of said pier, to the proposed improvement ; all the work to be done in accordance with plans on file in this Department, approved by the Engineer-in-Chief, and under the supervision of that officer, and the structure hereby authorized to be removed free of cost to the city at the expiration of said lease purchased at public sale, or sooner termination thereof, if required by this Board or its successors.

On motion, George W. Carpenter and Henry Ferguson were appointed as Watchmen, and James Kelly, Night Watchman, discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held June 7, 1880.

Present—Commissioners Dimock and Vanderpoel and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

One proposal was received for dredging at sundry slips and piers on the North river, from Chandler H. Loomis, at 33 cents per cubic yard, and, being read, was,

On motion, laid on the table for examination.

Two proposals were received for furnishing fresh burnt "Portland" cement, as follows, to wit :

1. From Stephen L. Merchant, agent, at \$2.64 per barrel.
2. From A. C. Babson, R. S. Sinclair and F. W. Lawrence, at \$2.67 per barrel.

And, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held June 9, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 2d instant, were read and approved.

A communication was received from the Comptroller advising that Chandler H. Loomis and Stephen L. Merchant are not in default or arrears to the Corporation, and, being read,

On motion, the proposals received and publicly opened on the 7th instant, for dredging at sundry slips and piers on the North river, and for furnishing fresh burnt "Portland" Cement, were taken from the table and placed on file, and the following resolutions adopted :

Resolved, That the contract for dredging the slips between Twenty-second and Twenty-fourth streets, and at piers at Thirty-fifth and Fifty-seventh streets, North river, be and is hereby awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, his bid being the lowest received and opened 7th June, 1880.

Resolved, That the contract for furnishing fresh burnt "Portland" Cement, be and is hereby awarded to Stephen L. Merchant, Agent, of No. 41 Broadway, his bid for furnishing said material being the lowest under proposals publicly opened 7th June, 1880.

The following communications were received, read, and

On motion, laid on the table to await action, as stated, to wit :

From Michael Brien—For permission to run a steamboat from the end of Eighth avenue and Harlem river.

From William Lynch—Protesting against a steamboat landing being established at Eighth avenue and Harlem river.

From R. Cornell White—For permission to erect an open shed on Pier new 1, North river, to be used as a shelter for passengers.

From Commercial Manufacturing Company Consolidated—For permission to fill in the water front leased by them between Forty-eighth and Forty-ninth streets, North river. Engineer-in-Chief directed to examine and report as to the condition of the premises.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Finance Department—Advising approval of sureties to proposal of Chandler H. Loomis, for dredging the slip between Piers new 42 and new 43, North river.

From New York, New Haven and Hartford Railroad Company—Accepting terms of resolution leasing land under water at Montgomery and South streets.

From Citizens' Steamboat Company—Accepting conditions of resolution leasing end of Pier new 41, North river.

From Engineer-in-Chief—As to work performed during week ending June 5, 1880.

From Police Department—In reference to the removal of the dumping board used by it from Laight street, North river.

From Spielman & Brush, Engineers of the Hudson Tunnel Railroad Company—For permission to make borings in the rear of the new bulkhead wall between Clarkson and Barrow streets, North river, for the purpose of ascertaining the character of the substrata at that point. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From John Patton, Jr. & Co., London—Asking that a lease of suitable wharf accommodations be granted them for a new line of Transatlantic Steamers. Secretary directed to advise in reply, that this Department is preparing plans for the construction of piers between Twenty-third and Thirtieth streets, North river, which will be completed in about one year, etc., etc., and that their application will receive due consideration.

From Superintendent McConkey—Stating that repairs are required to the surface of Pier 18, East river. Engineer-in-Chief directed to examine and report the extent of repairs required, and the cost of doing the work.

A communication was received from the Engineer-in-Chief, submitting draft of contract, specifications and plans for removing part of Pier old 44, North river, and building Pier new 36, on the site thereof, on lines lately approved by the Commissioners of the Sinking Fund, and being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief, for removing all that part of Pier old 44, near the foot of Charlton street, North river, which lies westerly of a line about 135 feet westerly of the new bulkhead line, and preparing for and building a new wooden pier on the site of said Pier old 44, to be known as Pier new 36, North river, be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposals printed, and proper advertisements, inviting bids for doing said work, inserted in the newspapers designated by law.

The Treasurer, reporting that Charles H. Longstreet, assignee of lease of pier at Fifty-first street, East river, had neglected to pay the rent due for said pier, although repeatedly notified by this Department so to do.

On motion, it was

Resolved, That the Counsel to the Corporation be and hereby is requested to take the necessary legal proceedings to dispossess Charles H. Longstreet, assignee of lease of pier at Fifty-first street, East river, purchased by R. G. Walmsley, on June 6, 1877, and to collect from said Longstreet the sum of \$305 for arrears of rent due and unpaid under said lease.

On motion, the Secretary was directed to notify the Police Department that the work of improving the water front at Laight street, North river, will be commenced on Tuesday next, the 15th instant, by the dredging of the slip, and in about four or five days thereafter, it will be necessary to take up the platform adjoining the bulkhead. As this work will practically unfit the dumping board thereat for the purposes of the Board of Police, it will be necessary to have the business now done at Laight street transferred to some other point, and requesting said Board to make such

arrangements in reference to the transfer as will enable this Department to proceed with its work without delay.

On motion, the following resolution was adopted, to wit :

Resolved, That Thomas J. Long be and is hereby appointed an Assistant Engineer, with pay at the rate of \$1,500 per annum, and John H. Staats an Assistant Engineer, at the rate of \$1,300 per annum, and Charles W. Raymond an Assistant Surveyor, at the rate of \$1,200 per annum ; and that the pay of Moses S. Barrett, Surveyor, be and is hereby fixed at the rate of \$1,800 per annum, all to take effect on and after June 1, instant ; and also that Edward C. Reynolds be and is hereby appointed temporary Draughtsman, with pay at the rate of \$18 per week, on and after June 11, instant.

On motion, the Treasurer was directed to effect insurance to the extent of \$5,000 against fire, on the furniture, maps, safes, etc., contained in the offices occupied by the Department in building Nos. 117 and 119 Duane street.

The Secretary, stating that the insurance against fire on the sheds on Piers, new 43 and new 6, North river, to the amount of \$65,000, would expire on the 25th instant.

On motion, the Treasurer was authorized and directed to effect an equal amount of fire insurance, either by renewing of existing policies or otherwise, for one year from said date.

An application was received from the Atlas Steamship Company, offering to lease a pier to be built by this Department in the vicinity of Twenty-fourth street, North river, provided suitable portions of the bulkhead on each side of the same be included. Applicants informed that this Department does not accept their offer, in view of the conditions accompanying it.

On motion, Charles O'Brien and William Lord were appointed as watchmen.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held June 16, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 7th and 9th instants were read and approved.

An application was received from the New York, New Haven & Hartford R. R. Co., asking that permission be granted for the erection of sheds over platform proposed to be built at Montgomery and South streets, East river ; and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the New York, New Haven & Hartford R. R. Co., occupants of bulkhead at Montgomery and South streets, East river, to erect and

maintain, during the pleasure of this Board, a shed to cover the platform now in course of construction in front of said bulkhead, under permission granted by resolution of this Board, adopted May 26, ultimo, for the protection of property received and discharged thereat by steam transportation ; said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with plans to be first submitted to and approved by the Engineer-in Chief of this Department, and all the work hereby authorized to be done under the supervision of this officer.

A communication was received from the Police Department in reference to the removal of dumping-board occupied by them at Laight street North river ; and, being read,

On motion, the following preamble and resolution were adopted :

Whereas, It has become necessary for this Department to enter into possession of the premises, foot of Laight street, North river, now occupied as a dumping-board, for the purpose of progressing with the work of the permanent improvement of the water-front at that point ; therefore be it

Resolved, That the bulkhead at the foot of Hoboken street, with not exceeding 175 feet of the inner end of the southerly side of Pier old 42, North river, be and is hereby set apart for the uses and purposes of the Police Department, for the erection of proper dumping-boards for depositing material collected by the Bureau of Street Cleaning, to be occupied in place of the said premises taken by this Department.

A communication was received from the Engineer-in-Chief as to the condition of water-front between Fortieth and Forty-second streets, East river, and, being read,

On motion, the application of W. L. Cutting to build bulkhead between Fortieth and Forty-first streets, East river, taken from the table, placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to W. L. Cutting, executor, to construct a crib-work in front of the bulkhead owned by him between Fortieth and Forty-first streets, East river, in order to connect said bulkhead with the existing crib in front of the same, and distant therefrom about 88 feet, and to fill in behind the same with solid filling, the work to be done under the direction of and in accordance with plans approved by the Engineer-in-Chief of this Department.

A communication was received from the Engineer-in-Chief as to penalty incurred on delivery of granite stones, by Robert L. Darragh, and, being read,

On motion, the following resolution was adopted :

Resolved, That this Board certify to the Comptroller that the failure of Robert L. Darragh to commence the delivery of 2,000 cubic yards of headers and stretchers within the time stipulated therefor, under his contract for furnishing granite stones for the bulkhead or river wall, dated March 26, 1880, has not caused the Corporation to sustain any loss or damage whatsoever, consequent upon the work of the Department not being sufficiently advanced to admit of said headers and stretchers being put into position.

A communication was received from the Engineer-in-Chief as to penalty incurred on contract with John B. Devlin, for failure to complete the building of rubble wall and platform between Sixtieth and Sixty-first streets, East river, within the time specified, and being read,

On motion, the following resolution was adopted :

Resolved, That this Board hereby certify to the Comptroller that the failure of John B. Devlin to complete the building of the rubble wall and platform, between Sixtieth and Sixty-first streets, East river, within the time stipulated therefor under his contract dated February 25, 1880, has been chiefly caused by the unusual character of the work, owing to the uneven and steep rocky bottom of the shore at that point, which has already required the contractor to furnish and deposit at least twenty per cent. more rip-rap stone than was estimated by the contract as necessary, the swiftness of the current at that narrow part of the river, carrying the smaller stone over a larger area, and filling in holes between the rocks that were not estimated for in the specifications, and this Board recommend that in justice and equity to the contractor, all penalties accruing under the contract prior to July 15, 1880, be remitted, as the Department desires to progress with the work more lowly than was at first deemed necessary, in order that the rip-rap embankment may become permanently settled before the premises are completed and opened for public use.

A communication was received from the New York, New Haven and Hartford Railroad Company, in reference to the dredging ordered to be performed at Montgomery and South streets, East river, and, being read,

On motion, the following preamble and resolution were adopted :

Whereas, The New York, New Haven and Hartford Railroad Company, occupants of bulk-head at Montgomery and South streets, East river, have stated that if dredging is done thereat to secure a depth of ten feet at mean low water, in conformity with terms of resolution adopted 5th May ultimo, there will not be sufficient foothold for the piles supporting the platform proposed to be built, but that dredging can be done to the extent of six feet at mean low water without detriment ; be it therefore

Resolved, That the New York, New Haven and Hartford Railroad Company be and is hereby informed that no objection will be made by this Board if dredging is done by said company on the site of the proposed platform at South and Montgomery streets, sufficient to secure a depth of six feet at mean low water, provided the said company shall agree in writing to maintain such depth of water under said platform during the occupancy thereof.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From W. G. Tucker—For permission to occupy water-front between One Hundred and Sixteenth and One Hundred and Seventeenth streets, Harlem river. Engineer-in-Chief directed to examine and report as to the condition of the premises.

From Central Vermont Railroad Company, lessee—To have dredging done at Pier 37, East river. Engineer-in-Chief directed to examine and report the quantity of dredging required thereat.

From Engineer-in-Chief—As to the condition of Pier 40, East river.

From Funch, Edye & Co.—For a lease of a new pier to be built by this Department between Twenty-third and Thirtieth streets, North river. Secretary directed to advise that the piers to be constructed by this Department at that locality will be about 500 feet long and of a width not exceeding 80 feet, and requesting them to inform this Board if their application is to be considered as for a lease of a pier to be built less than 100 feet in width.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Rockaway Beach Pier Co.—As to freight, etc., encumbering Pier new 1, North river Secretary directed to address a communication to the Captain of the Port, stating that complaints are constantly made to this Department that the cargoes discharged at Pier new 1, North river, mainly, iron, chemicals, etc., are landed in such a manner as to injure the surface of the pier, and interfere seriously with the landing of steamboat passengers, and that from its location and accessibility, this pier is used daily by thousands of our citizens in order to reach the large number of excursion boats landing there, but for a long time the surface of the pier has been so filthy, and so encumbered with goods, as to render access to the outer end almost impossible, and requesting him to use his authority in the premises, and endeavor to place only such vessels at the pier as have clean cargo to discharge.

From S. A. Jenks & Co.—For permission to repair surface of Piers 2, 9, 10 and 18, East river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Chandler H. Loomis—Accepting award of contract for dredging at various slips and piers on the North river, under proposals opened 7th instant.

From Stephen L. Merchant, agent—Accepting award of contract for furnishing fresh burnt "Portland" Cement, under proposals opened the 7th instant.

From Finance Department—Advising approval of sureties to contracts of Chandler H. Loomis and Stephen L. Merchant, agent.

From A. Van Santvoord, lessee of pier at Twenty-fifth street, North river—For permission to place a sign at the outer end of said pier, warning vessels not to anchor nearer the end thereof than the distance regulated by law. Permission granted.

From Spielmann & Brush—For permission to make borings outside of the bulkhead wall between Clarkson and Barrow streets, North river. Application granted, the work to be done under supervision of the Engineer-in-Chief of this Department.

From Engineer-in-Chief, the following reports :

1. As to additional repairs required to coal dock at Blackwell's Island. Work ordered to be done at a cost of about \$275, in accordance with his report.

2. As to repairs necessary to be made to Riverside Hospital dock, Blackwell's Island. Application of Health Department to have said repairs taken from the table and placed on file, and the work ordered to be done at a cost of about \$175.

3. As to platform proposed to be built at south side of Pier old 33, North river. Application of H. O. Nichols, in reference to the same, taken from the table and denied.

4. As to work performed during week ending June 12, 1880.

5. As to repairs required to the approach to bulkhead at Hoboken street, North river. Engineer-in-Chief directed to repair the same in accordance with his report, at a cost of about \$150.

6. As to the repairs necessary to be made to the grading at the lower side of the boat landing at Pier new 1, North river. Engineer-in-Chief directed to do the work at a cost of about \$32.

7. As to dredging required at pier at West Twelfth street, occupied by the Police Department as a dumping board. Application of H. K. & F. B. Thurber in reference to the shoal condition of the slip taken from the table and placed on file, and the Engineer-in-Chief directed to make requisition for the necessary dredge, scows and labor, to excavate and remove about 1,150 cubic yards of material in order to secure a depth of ten feet at mean low water over the space of fifty feet on the south side of the pier, at a cost of about \$391, and the owners of bulkhead adjoining south side of said pier directed to dredge the slip in front thereof, so as to secure a depth of ten feet at mean low water.

From Health Department—As to the filthy condition of slip between Piers 24 and 25, East river. Engineer-in-Chief directed to examine and report as to the extent of dredging required, and the Secretary directed, upon receipt of said report, to notify the lessees of said piers to dredge the slip in accordance therewith.

The Auditing Committee presented an audit of nineteen bills or claims, amounting in the aggregate to the sum of \$14,532.40, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, it was

Resolved, That the Engineer-in-Chief be and is hereby directed, under the order of any of the Commissioners of Docks, to make all needful repairs to wharf structures belonging to the corporation not leased, which may be deemed necessary to protect the premises or to render them safe for use; provided the cost of making said repairs shall not exceed in any one case the sum of \$100.

An application was received from the Old Dominion Steamship Co., asking that permission be granted for the erection on a portion of said pier of a two-story shed, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to the Old Dominion Steamship Co., lessees of Pier new 26, North river, to construct a two-story shed of the width of the pier, and extending from the easterly end of the present structure on said pier to the bulkhead wall, a distance of about 194 feet; the work to be done in accordance with plans to be first approved by the Engineer-in-Chief of this Department, and under the supervision of that officer.

On motion, the following resolutions were adopted, to wit:

Resolved, That Thomas L. Beebe be and hereby is appointed temporary rodman, with compensation at the rate of \$15 per week of six days.

Resolved, That Charles F. Carpenter be and hereby is appointed temporary leveler, with compensation at the rate of \$75 per month, to take effect from and after Monday next.

On motion, Daniel Donovan and Patrick Durkin were appointed as watchmen, and John McSorley as a laborer, and Cornelius Byrnes, night watchman, discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a special meeting of the Board of Docks, held June 18, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the following preamble and resolutions were adopted, to wit :

Whereas, By a certain indenture bearing date the 1st day of May, 1876, and made by and between the Mayor, Aldermen and Commonalty of the City of New York, acting by and through its Department of Docks, of the first part, and Thomas C. Burke, of the second part, there was granted and assigned to the said Burke, for a term of five years from the said 1st day of May, 1876, at the yearly rent or sum of \$4,300, all the wharfage and crannage privilege arising or accruing from the use and occupation of that certain wharf property known and designated as Pier 48, foot of Clinton street, East river, in the City of New York ; and

Whereas, In and by said indenture it was expressly agreed and provided between the parties thereto, that, in the event of the said yearly rent or sum of money or any part thereof remaining unpaid for the space of ten days after the same should have become due and payable in accordance with the terms thereof, it should be lawful for the said Department of Docks to serve or cause to be served upon the said Burke a notice in writing, declaring that the said grant and assignment so made as aforesaid had become utterly null and void ; and thereupon to have again, repossess and enjoy said wharfage rights and premises in all respects and in like manner as though such grant and assignment to said Burke had never been made or executed ; and

Whereas, The said Burke has failed and neglected to pay the said rent or sums of money in and by said indenture agreed to be paid in accordance with the terms thereof, and is now largely in arrears to this Department on account thereof, therefore it is

Resolved, That the said grant and assignment to the said Burke as aforesaid be and the same is hereby declared utterly null and void.

And that notice in writing of such action and determination of this Board in behalf of the Mayor, etc., of the City of New York, to have again, repossess, enter upon and enjoy such wharfage rights and premises, be and is hereby served upon said Thomas C. Burke, in conformity to the terms and conditions of said indenture.

Resolved, That the Superintendent of Docks of the District be and is hereby directed to collect on and after June 21, instant, all wharfage which may accrue at Pier 48, East river, the city having entered into possession of the said premises in consequence of the lease to Thomas C. Burke having been declared null and void by this Board.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

[JUNE 23, 1880.]

At a special meeting of the Board of Docks, held June 23, 1880, for the purpose of opening bids for removing part of Pier old 44, North river, and building on the site thereof Pier new 36, North river.

Present—Commissioner Vanderpoel and Mr. Richard J. Storrs, representing the Comptroller of the city.

Absent—Commissioner Dimock.

A quorum of the Board not being present, the opening of the bids was postponed until Monday, 3th instant, at 12 o'clock, M.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held June 28, 1880, for the purpose of opening bids for removing part of Pier old 44, North river, and building on the site thereof Pier new 36, North river.

Present—Commissioner Vanderpoel.

Absent—Commissioner Dimock and the Comptroller of the city.

A quorum of the Board not being present, the opening of the bids was postponed until Wednesday, 30th inst., at 12 o'clock M.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held June 30, 1880, for the purpose of opening bids for removing part of Pier old 44, North river, and building on the site thereof Pier new 36, North river.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

Two proposals were received for removing all that part of Pier old 44, near the foot of Charlton street, North river, which lies westerly of a line about 135 feet westerly of the new alkhead line, and preparing for and building a new wooden pier on the site of said Pier old 44, to be known as Pier new 36, North river, as follows, to wit :

|                                 |             |
|---------------------------------|-------------|
| From I. Eugene White, for ..... | \$67,000 00 |
| From Ross & Sanford, for.....   | 65,000 00   |

And, being read were, on motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held June 30, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 16th instant were read and approved.

An application was received from Farley and McCabe for permission to erect a temporary dumping board at the foot of Seventy-third street, East river, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to Farley and McCabe, contractors for grading part of East Seventy-third street, to drive piles and erect at the foot of said street a temporary dumping board to facilitate the removal of stone ; the work to be done under the supervision of the Engineer-in-Chief of this Department, and to be removed by said contractors, free of expense to the city, whenever so ordered by this Department ; it being understood that legal wharfage shall be paid for all scows loading at said dumping board.

A communication was received from the Old Dominion Steamship Company, lessee of Pier new 26, North river, requesting that additional piles be driven on inner end of said pier, in order to afford additional support for the shed to be erected thereat, and, being read,

On motion, the following resolution was unanimously adopted :

Resolved, That the Engineer-in-Chief be and hereby is directed to drive and cap the extra piles necessary to support the shed to be erected by the Old Dominion Steamship Co., on Pier new 26, North river, and that all the work hereby ordered be performed otherwise than by contract, as required by sub-division 5 of section 6 of Chapter 574, Laws of 1871, and that it be done by the force of the Department by day's work, except so much of the labor as is now or may hereafter be contracted for, and that all the material necessary therefor not heretofore contracted for or which may not hereafter be contracted for, be purchased by the Treasurer otherwise than by contract.

A report was received from the Engineer-in-Chief, as to the material removed by contractors using the Department dredge and scows, and, being read,

On motion, it was

Resolved, That the Treasurer be and is hereby authorized and directed to prepare a statement of claim in the sum of \$2,264.42, and present the same to the Union Dredging Company, for payment, being for use of scows of the Department in removing during the month of May, 1880, 10,816 cubic yards of material, at two cents per cubic yard, and also for the use of a Department dredge in excavating 20,481 cubic yards of material, at ten cents per cubic yard.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Engineer-in-Chief—As to condition of water-front at Eighth avenue and Harlem river. Michael Brien requested to call on the Commissioners in reference to his application to use the said premises for a steamboat landing.

From John A. Bouker—Offering to furnish broken stone and sand to the Department. Referred to the Engineer-in-Chief for examination and report.

From New York and Manhattan Beach Railway Co.—In reference to refuse dumped into the harbor opposite Coney Island, from scows, on the 26th instant. Engineer-in-Chief directed to examine and report as to whether the dumping of said refuse was done by any of the contractors with this Department.

From Police Department—To have dredging done at Seventeenth and Forty-sixth streets, East river. Engineer-in-Chief directed to examine and report the amount of dredging required to accommodate the boats of the Bureau of Street Cleaning.

From Captain of the Port—In reference to the vessels berthed at Pier new 1, North river.

From Frank Phelan—For permission to place a platform on Pier 54, East river, for the landing of ice. Application denied.

From A. E. Outerbridge & Co.—In reference to the steamer "Adelaide," sunk in the North river, opposite the pier occupied by them. Secretary directed to advise in reply that shortly after receipt of their communication the said steamer was removed by the owners.

From Engineer-in-Chief, the following reports :

1. As to the condition of the water front at Eighteenth street, East river. Engineer-in-Chief directed to construct a triangular platform thereat, in accordance with his report on Secretary's order No. 1572, at a cost of about \$300, and to make requisition for the necessary dredge, scows and labor to excavate and remove about 1,200 cubic yards of mud from the front of said premises.

2. As to certain changes in the specifications for the repairs to be made by the owners to pier at Seventh street, East river. Approved.

3. As to work performed during weeks ending June 19 and 26, 1880.

4. In reference to cleaning surface of pier at Fifty-fourth street, East river. Engineer-in-Chief directed to do the work at a cost of about \$35.

The Auditing Committee presented an audit of 24 bills or claims, amounting in the aggregate to the sum of \$19,216.02, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from Funch, Edye & Co., stating that their application for a lease of a pier to be built by this Department above Twenty-third street, North river, is to be considered as for a pier having a width of 80 feet, and, being read,

On motion, the Secretary was directed to advise in reply, that this Department is now having plans prepared for the erection of one or more piers between Twenty-third and Thirtieth streets, North river, and that it is the intention of the Department to prepare plans for these piers to be built 80 feet wide, and about 500 feet long, and that if such plans are approved by the Commissioners of the Sinking Fund, this Department will be prepared to enter into contracts for the building and leasing of such piers, and further, their proposal for a lease of a pier to be built at Twenty-fourth street, North river, at the rate of \$20,000 per annum for the first term of ten years, and \$25,000 per annum for a renewal term of ten years, is considered by this Board to have priority of

all other applications, and that, whenever this Department is prepared to make an agreement to lease a pier to be built at Twenty-fourth street, they will be advised.

A communication was received from the Engineer-in-Chief in reference to the repairs required to the piers at Twenty-eighth street, East river, and Thirtieth street, North river, leased to Thomas Fitzpatrick, and, being read, and the Treasurer stating that on the 1st of August next there would remain due and unpaid one year's rent for the pier at Twenty-eighth street, East river.

On motion, the following resolutions were adopted, to wit :

Resolved, That the Counsel to the Corporation be and is hereby respectfully requested to take the necessary legal proceedings to dispossess Thomas Fitzpatrick, lessee of pier at Twenty-eighth street, East river, and to collect from said lessee the amount of rent due the corporation from August 1, 1879, at the rate of \$1,100 per annum.

Resolved, That Thomas Fitzpatrick, lessee of pier at Thirtieth street, North river, be and is hereby directed to fasten the ends of twenty-two planks on the surface of said pier, to cover a hole thereon, 1 by 6 feet, and to replace a cleat torn off, the Engineer-in-Chief having reported such repairs to be necessary, and that in case said lessee shall neglect or refuse to make such repairs within ten days from receipt of this notice, then this Department will proceed to make the same at his cost and expense, in accordance with the provisions of his lease.

A communication was received from the Engineer-in-Chief, submitting a draft of form for specifications and contract for building piers at Thirty-first and Thirty-second streets, East river, and, being read,

On motion, it was

Resolved, That the forms of specifications and contract, as prepared by the Engineer-in-Chief, for building piers at Thirty-first and Thirty-second streets, East river, be and hereby is approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed, and proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

On motion, the Secretary was directed to notify J. S. Peck & Son, occupants of bulkhead between Forty-seventh and Forty-eighth streets, East river, and W. G. Tucker, occupant of water-front between One Hundred and Sixteenth and One Hundred and Seventeenth streets, Harlem river, that this Department will proceed to lay, at said premises respectively, a boundary wall along the line of the property belonging to the City of New York, in order that the limits of said property may be plainly designated.

On motion, Patrick Rinn and John Fitzgerald were appointed laborers.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held July 3, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Finance Department advising that Ross & Sanford are in default or arrears to the Corporation ; and, being read,

On motion, the bids received and publicly opened on the 30th ultimo, for removing part of pier old 44, North river, and building on the site thereof Pier new 36, North river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for removing all that part of Pier old 44, near the foot of Charlton street, North river, which lies westerly of a line about 135 feet westerly of the new bulkhead line, and preparing for and building a new wooden pier on the site of said Pier old 44, to be known as pier new 36, North river, be and is hereby awarded to P. Sanford Ross and Joseph B. Sanford, of 104 Hudson street, Jersey City, N. J., their bid for doing said work being the lowest under proposals publicly opened the 30th ultimo.

A communication was received from the Finance Department, remitting penalty imposed upon John B. Devlin, Contractor ; and, being read,

On motion, the following preamble and resolution were adopted :

Whereas, By virtue of the power vested in the Finance Department by section 31 of chapter 5, Laws of 1873, the Comptroller has decided to remit the penalty which may accrue and be imposed by this Department, prior to July 15, 1880, inclusive, on John B. Devlin, for his failure to complete the building of the rubble wall and platform between Sixtieth and Sixty-first streets, East river, within the time stipulated therefor under his contract, dated February 25, 1880, this Board having advised the Comptroller on June 16, 1880, that, owing to the character of the work, it had been found desirable and necessary to progress the work more slowly than was provided for by the contract ; and

Whereas, A portion of said penalty was imposed and deducted, in the sum of \$850, from audited claim No. 6309 on June 16, 1880 ; therefore,

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$850, being the amount now due said John B. Devlin under said audited claim, consequent upon the said penalty being remitted, and that the bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit estimate No. 3 under said contract, as settled and paid in full, in the sum of \$2,090.80.

On motion, Patrick Durkin, Night Watchman, was discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held July 7, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The reading of the minutes of meetings held June 18, 23, 28, 30, and July 3, 1880, was,

On motion, dispensed with.

A communication was received from the Engineer-in-Chief in reference to the refuse dumped into the Harbor on the 26th June last, complained of by the N. Y. & Manhattan Beach Railway Co.; and, being read,

On motion, the communication from said company was taken from the table and placed on file, and the following preamble and resolution adopted :

Whereas, The N. Y. & Manhattan Beach Railway Co. notified this Department, in writing, on June 26, 1880, that a tow of three scows had that morning dumped refuse within one mile of said company's beach at Coney Island ; and,

Whereas, Upon investigation, it has been ascertained that the only dumping on that date of material dredged for this Department was done by a tow of five scows, which were towed to and rounded the dumping buoy designated by law, and dumped at 10 minutes past 6 o'clock A. M., about a quarter of a mile southeasterly of said buoy ; therefore,

Resolved, That the Board of Commissioners of Pilots be and hereby is respectfully notified of the dumping of refuse as complained of by the N. Y. & Manhattan Beach Railway Co., on 26th June last, in order that the said Board may take proper action to ascertain the offending party or parties, and impose the penalty prescribed by law for such illegal dumping.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Frank Phelan—For permission to erect a temporary runway on Pier 54, East river, for landing ice. Applicant requested to furnish a diagram of the proposed structure, and to call on the Commissioners in reference to the same.

From Perrin, Payson & Co.—For permission to fill in the water-front between One Hundred and Fifty-eighth and One Hundred and Sixty-second streets, North river. Engineer-in-Chief directed to examine and report on the condition of said premises and of the advisability of granting the permission asked for.

From John Crosby Brown and others —In reference to the refuse deposited in slip at Fourteenth street, East river. Superintendent Butler directed to cause all dumping at said place to cease, and to report why he has permitted dumping to be carried on thereat.

From Pim, Forwood Jr. & Co. —In reference to a lease of a pier to be built at or near Twenty-fifth street, North river. Secretary directed to advise in reply that this Department is now having plans prepared for the erection of one or more piers between Twenty-third and Thirtieth streets, North river, and that it is the intention of the Department to prepare plans for these piers to be built 80 feet wide and about 500 feet long, and that if such plans are approved by the Commissioners of the Sinking Fund, this Department will be prepared to enter into contracts for the building and

leasing of such piers, and further, their proposal for a lease of the pier to be built at the above-mentioned locality, at the rate of \$20,000 per annum, for the first term of ten years, and \$25,000 per annum for a renewal term of ten years, is considered by this Board to have priority of all other applications, and that whenever this Department is prepared to make an agreement to lease a pier to be built, at or near the foot of Twenty-fifth street, North river, they will be advised.

From Engineer-in-Chief, the following reports :

1. As to condition of water-front between Forty-eighth and Forty-ninth streets, North river. Commercial Manufacturing Company Consolidated requested to call on the Commissioners in reference to the filling in of said premises.

2. As to the existing depth of water at Pier new 1, North river. Superintendent Smith directed to report for what reason he recommended that the depth of water at said pier should be measured and marked upon the backing piece.

From Hudson Tunnel Railroad Co.—Applying for use of part of West street, between Leroy and Morton streets, North river, and for a lease of 100 feet of bulkhead thereat to sink caisson for tunnel, etc. Secretary directed to address a communication to the Counsel to the Corporation, requesting him to advise whether this Department may lawfully grant or deny any of said privileges, as the Board may deem expedient for the interests of the city, and if the Board has such jurisdiction, may it lawfully exercise any discretion in charging rent for the use by the tunnel of the bed of the river easterly of the exterior boundary of the land under water granted to the corporation by the State for the improvement of the water-front of the city, or for the use of the made-land of the city, under that portion of West street recently filled in and widened by this Department, and to be permanently occupied by the proposed tunnel when completed ; or for the use of the surface of the widened portion of West street, during the construction of the tunnel, and whether in the event of the Department having jurisdiction, and taking any unfavorable action in relation to any or all of said privileges, the said railroad company can acquire by process of law any of the privileges or permissions applied for, and if so, which of them may be so acquired, and to what extent, in each case.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Police Department—Asking that they be permitted to use some old material belonging to this Department for constructing dumping board at Stanton street, East river. Application granted, and the Engineer-in-Chief directed to deliver for use as aforesaid such quantity of old material on hand as may not be needed by this Department.

From New York, New Haven and Hartford Railroad Company—Accepting terms of resolution fixing the amount of dredging to be performed at Montgomery and South streets, East river.

From George Yonge, agent and lessee of Pier new 35, North river—To have repairs made to the outer end of the pier. Applicant notified and directed to make the necessary repairs to said premises, in accordance with the provisions contained in his lease.

From S. L. Merchant—To have a test made of English and German "Portland" cement. Application granted, and the Engineer-in-Chief directed to test two barrels of said cement, and report quality, etc.

From Pim, Forwood Jr. & Co.—In reference to their application for a lease of a new pier to be built at Twenty-fifth street, North river.



A report was received from the Engineer-in-Chief stating that the outer end of Pier 46, East river, was in an unsafe and dangerous condition, and, being read,

On motion, it was

Resolved, That Joseph V. Brown, lessee of Pier 46, East river, be and is hereby notified and directed to drive four piles at each of the outer corners of said pier, the same to be cut off and worked under the timbers in such manner as to give the required support to the deck of the pier; the Engineer-in-Chief having reported such repairs to be necessary, and that if said lessee shall neglect or refuse to make such repairs within ten days from receipt of this notice, then this Department will proceed to make the same at his cost and expense, in accordance with the provisions of his lease.

A report was received from the Engineer-in-Chief as to work performed during week ending July 3d instant, and, being read, was,

On motion, placed on file.

On motion, James O'Donnell was appointed as a watchman, and Charles W. Crossen, Charles Lynch and John McNamara, as laborers.

On motion, the Board adjourned.

WILLIAM M. WHITNEY, Secretary pro tem.

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At a meeting of the Board of Docks, held July 14, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held June 18, 23, 28, 30, and July 3 and 7, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Chandler H. Loomis, contractor—In reference to the delay in dredging the slip between Piers new 42 and new 43, North river.

From Carl H. Schultz—For permission to place a bath-house in front of his property, between One Hundred and Thirty-ninth and One Hundred and Fortieth streets, North river.

Applicant requested to call upon the Commissioners in reference to his application.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From John Patton Jr. & Co., London—In reference to a lease of new pier to be built between Twenty-third and Thirtieth streets, North river.

From Superintendent Smith—In reference to the depth of water at Pier new 1, North river.

From Counsel to the Corporation, requesting certain information in reference to the leasing of pier at Twenty-eighth street, East river, to Thomas Fitzpatrick. Secretary directed to furnish the necessary data.

From Wm. H. Webb, stating that a contract has been entered into for the repairing of pier at Seventh street, East river.

From P. Sanford Ross and Joseph B. Sanford, accepting award of contract for building Pier new 36, North river, under proposals opened June 30, 1880.

From Decker & Rapp, being claim of \$1,807.66 against John B. Devlin, contractor, with this Department for building a rip-rap embankment, etc., between Sixtieth and Sixty-first streets, East river.

From Engineer-in-Chief, the following reports :

1. As to dredging required at the dumping boards at Seventeenth and Forty-sixth streets, East river. Application of Police Department to have dredging performed, taken from the table and placed on file, and the Engineer in-Chief directed to make requisition for the necessary dredge, crews and labor to excavate and remove from dumping board at Seventeenth street, about 400 cubic yards of material, and from the one at Forty-sixth street, about 800 cubic yards, in accordance with his report.

2. As to work performed during week ending July 10, 1880.

3. As to proposal of John A. Bouker, to furnish broken stone and sand.

4. As to expense incurred in raising mast at Pier old 37, North river. Treasurer requested to send statement in the sum of \$5 to the Old Dominion Steamship Company, lessees of said pier, for payment.

From Superintendent Butler—As to the encumbrances in East Fourteenth street, and the alleged dumping of material at the bulkhead thereat. Communication from John Crosby Brown and others, taken from the table and placed on file, and Secretary directed to advise in reply that on receipt of the complaint, an examination of the premises was made, and the Superintendent of Docks of the District directed to prevent any dumping from said bulkhead in the future, and to cause to be removed therefrom the encumbrances complained of, and also to state that the jurisdiction of this Department at the foot of the street extends only about 16 feet from the water, and that the street lying westerly of that point is under the control of the Department of Public Works.

The Auditing Committee presented an audit of twenty-four bills or claims, amounting in the aggregate to the sum of \$4,808.79, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the following preamble and resolution were adopted :

Whereas, In proceeding with the work of constructing the permanent improvement of the water-front, the Commissioners of Docks, under resolution adopted December 13, 1876, determined to retain pier old 49, North river, during the pendency of the then existing lease, which terminated December 1, 1879, and extended the outer end of said pier westerly to the established pier line, a

distance of about 146 feet at a width of 60 feet, to offset that portion of the pier removed, lying easterly of the new bulkhead wall then being constructed ; and

Whereas, This Board deem it advisable and have decided upon an alteration and change in the location of Pier new 41, North river, proposed to be erected nearly upon the site of said Pier old 49, from the lines therefor, as laid down upon the plan adopted by the Department, April 13, 1871; therefore

Resolved, That the Commissioners of the Sinking Fund be and hereby are respectfully requested, in pursuance of the provisions of chapter 738, Laws of 1872, to consent to and approve of the location of said proposed Pier new 41, North river, being so altered and changed from the lines therefor, as laid down on the plans prepared by this Department, and approved by the said Commissioners of the Sinking Fund on 27th April, 1871, as to establish, at the line of the new bulkhead wall, the southerly line of said pier at about 188 89-100 feet north of the northerly line of Pier new 40, North river, as approved by the said Commissioners of the Sinking Fund on June 13, 1878; and so as to have the width of the pier remain unchanged at 80 feet.

On motion, the Secretary was directed to call on the Commissioners of the Police Department, and urge the necessity of prompt action on their part in the removal of the dumping board occupied by them at the foot of Laight street, North river, to the premises assigned to their use at the foot of Hoboken street, North river, in order that this Department may be enabled to proceed with its work of improving the water-front at the foot of Laight street.

On motion, John C. Donohue was appointed assistant clerk in Engineer's office, with compensation at the rate of \$15 per week, pay to commence from the day when assigned to duty, also Michael Falbey, as a laborer, and Thomas F. Kelly, chainman, discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held July 21, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 14th instant were read and approved.

A communication was received from the New York Central and Hudson River Railroad Company, accepting terms and conditions of resolution adopted by this Board on 28th April, 1880, where certain water-front belonging to the city, between Sixty-fifth and Seventy-second streets, North river, was leased to said Company, and, being read,

On motion, the following resolution was adopted :

Resolved, That permission be and hereby is granted to the New York Central and Hudson River Railroad Company to proceed with the work of filling in and reclaiming the land under

water, and of erecting bulkhead and piers between Sixty-fifth and Seventy-second streets, North river, upon property owned and leased by said company, in conformity with the terms of resolution adopted by this Board on April 28, 1880, provided that the work be done under the supervision of the Engineer-in-Chief of this Department, and upon plans to be approved by him and in accordance with the lines laid down upon plans approved by the Commissioners of the Sinking Fund for such portion of the water-front, on file in this Department ; the said company having, under date of 13th instant, accepted the terms and conditions stipulated in the above-mentioned resolution.

A communication was received from the Counsel to the Corporation in reference to acquiring possession of pier at Fifty-first street, East river, leased to Charles H. Longstreet, assignee, and, being read,

On motion, the following preamble and resolution were adopted, to wit :

Whereas, By a certain indenture bearing date the 7th day of June, 1877, and made by and between the Mayor, etc., of the City of New York, acting by and through its Department of Docks, of the first part, and R. G. Walmsley of the second part, there was granted and assigned to the said Walmsley, for a term of ten years from the said 1st day of July, 1877, at a yearly rent or sum of \$305, all the wharfage and cramage privilege arising or accruing from the use and occupation of that certain wharf property known and designated as pier at Fifty-first street, East river, in the City of New York, and which said indenture was assigned and made over on August 7, 1878, to Charles H. Longstreet ; and

Whereas, In and by said indenture it was expressly agreed and provided between the parties thereto that in the event of the said yearly rent or sum of money, or any part thereof, remaining unpaid for the space of ten days after the same should have become due and payable in accordance with the terms thereof, it should be lawful for the said Department of Docks to serve or cause to be served upon the said Longstreet a notice in writing, declaring that the said grant and assignment so made as aforesaid had become utterly null and void ; and thereupon, to have again, repossess, and enjoy said wharfage rights and premises in all respects and in like manner as though such grant and assignment to said Longstreet had never been made or executed ; and

Whereas, The said Longstreet has failed and neglected to pay the said rent or sums of money in and by said indenture agreed to be paid in accordance with the terms thereof, and is now largely in arrears to this Department on account thereof ; therefore it is

Resolved, That the said grant and assignment to the said Longstreet as aforesaid, be and the same is hereby declared utterly null and void ;

And that notice in writing of such action and determination of this Board in behalf of the Mayor, etc., of the City of New York, to have again, repossess, enter upon and enjoy said wharfage rights and premises, be and the same is hereby served upon the said Charles H. Longstreet, in conformity to the terms and conditions of said indenture.

An application was received from Phelps Brothers & Co., lessees of Pier 40, East river, for permission to lengthen and widen said pier, and, being read,

On motion, their application under date of June 3, and the report of the Engineer-in-Chief on Secretary's Order No. 1591, were taken from the table and placed on file, and the following resolution adopted, to wit :

Resolved, That permission be and hereby is granted to Frank and Howard Phelps, lessees of Pier 40, East river, to drive piles and make an extension to the outer end of said pier, 65 feet in length and 50 feet in width ; also to strengthen the westerly side of said pier by an addition, commencing about 100 feet from the bulkhead, and running southerly to the inner end of the proposed extension, and to extend the present shed over the proposed new portions of the pier hereby authorized to be constructed ; provided that all the work be done at the cost and expense of said lessees, under the supervision of the Engineer-in-Chief of this Department, and upon plans to be first submitted to and approved by him ; and it is hereby understood that the acceptance of this permission and the making of the proposed improvements thereunder shall be held and considered to be an agreement that all the extensions and structures built hereunder are to revert to and become the property of the corporation at the termination by expiration or otherwise of said lease, free of all claims against the corporation of any kind whatsoever.

A communication was presented by John McClave and others, dealers in lumber, remonstrating against the leasing to steamship lines of the new piers to be built by this Department in the vicinity of Twenty-fifth street, North river, and claiming that the proposed piers will be required for the accommodation of the large lumber business done in the vicinity, and, being heard at length,

On motion, the remonstrance was laid on the table for consideration.

The following communications were received, read, and, on motion, placed on file, action being taken where necessary, as stated, to wit :

From Engineer-in-Chief, the following reports :

1. As to work performed during week ending July 17, 1880.
2. As to cost of raising mast on lighter "Parmenter," lying at Pier old 37, North river. Treasurer directed to send statement in the sum of \$10 to the Old Dominion Steamship Co. for payment.

From Finance Department—Approving of sureties to contract of P. Sanford Ross and Joseph B. Sanford, for building Pier new 36, North river, under proposals publicly opened the 30th ultimo.

From Thomas J. Hinch—Being claim, in the sum of \$42.80, against John B. Devlin, contractor with this Department for building a rip-rap embankment between Sixtieth and Sixty-first streets, East river.

On motion, the Secretary was directed to notify John H. Starin, lessee of east half of Pier 6 and bulkhead adjoining, East river, and the N. Y. Central and Hudson River Railroad Co., lessee of west half Pier 6, to repair the planking on the outer end of said pier, and to place new backing pieces on the bulkhead from South to Front street, the same being reported as necessary by the Superintendent of Docks of the District.

On motion, the following communications were taken from the table and placed on file :

From John Fagan—In reference to use of water front at Sixty-second street, East river.

From Martin Karl—For permission to place ice bridge and scales on pier at Fifty-first street, North river.

From Finance Department—In reference to voucher transmitted for expense of draping offices.

From Finance Department—In reference to voucher No. 5253, for repairing tables at Department offices.

From Alexander Mason, lessee of Piers new 47, North river, and 19, 44, and 46, East river—For allowance for repairs and dredging.

From Abraham Dowdney—Offering to pay rent of \$200 per annum for bulkhead to be built at One Hundred and Second street, Harlem river.

From F. W. J. Hurst—To have dredging done in slip at north side of Pier new 39, North river.

From New Haven Steamboat Company—To have repairs made to Pier 25, East river.

From Engineer-in-Chief—As to repairs required to Pier 25, East river.

From New Haven Steamboat Company—To have Pier 25, East river, repaired.

From Engineer-in-Chief—As to amount of dredging required in slip between Piers old 28 and old 29, North river.

From Engineer-in-Chief—As to Granite stones at East Seventeenth street yard, account of John Hogan, contractor.

From Central Railroad Company of New Jersey—Enclosing plans of building to be erected at Piers 12, 13 and 14, North river.

From Thomas Fitzpatrick—In reference to repairs needed to pier at Thirtieth street, North river, leased by him.

From F. Perry—For position in Department.

From John H. Alexander—For permission to place small office on bulkhead at Pier 28, East river.

From D. M. Munger—In reference to fence erected at outer end of Pier 2, East river.

From Hudson Tunnel Railroad Company—For use of Department's boring machine.

From Engineer-in-Chief—As to amount of dredging required at bulkhead at Twenty-ninth street, East river.

From C. T. Van Santvoord, agent—To transfer lease of Pier at Twenty-sixth street, North river, to J. B. and J. M. Cornell.

From John McGroaty, Harbor Master—As to encumbrances on bulkheads between Piers 2 and 4, East river.

From William McConkey, Superintendent of Docks—In reference to incumbrances on bulkheads between Piers 2 and 4, East river.

From Stonington Steamship Company—In reference to dredging being done between Piers old 28 and 29, North river.

From Engineer-in-Chief—In reference to condition of Pier old 54, North river.

From Engineer-in-Chief—As to repairs needed to Pier new 41, North river.

From Engineer-in-Chief—As to condition of water-front between Thirty-sixth and Thirty-seventh streets, North river.

From Cavanagh & Collins, for permission to erect derrick at the foot of Sixty-third street, East river.

From Engineer-in-Chief—As to suspension of Wm. Perry, night watchman.

From Police Department—To have dredging done at dumping-board at Thirty-seventh street, North river.

From Engineer-in-Chief—As to the amount of dredging required at dumping-board at Thirty-seventh street, North river.

From E. L. Tinker, Captain of the Port—As to increased wharf accommodations for sailing vessels.

From Engineer-in-Chief—As to suspension of Cavanagh and Fitzsimmons, night watchmen.

From Department of Public Charities and Correction—To have Twenty-sixth street, at bulk-head line, paved by Department of Docks.

From Compagnie Générale Transatlantique—To have soundings taken at Pier new 42, North river, and dredging done at Pier new 41, North river.

From Engineer-in-Chief—As to dredging required in slip between Piers new 41 and new 42, North river.

From Union Steamboat Co.—To have dredging done in slip between Piers 6 and 7, East river.

From Engineer-in-Chief—In reference to building a pier between Pier new 1, North river, and Castle Garden for the Police and Fire Departments.

From R. Cornell White—For permission to erect an open shed on Pier new 1, North river.

From Goodwin & Co. and others—In reference to sand landed at Thirty-second street, East river.

From Central Vermont Railroad and Steamer line—To have dredging done at Pier 37, East river.

From William G. Tucker—To occupy water-front between One Hundred and Sixteenth and One Hundred and Seventeenth streets, H. R.

From H. D. & J. U. Bookman—In reference to dumping-board at Eighteenth street, East river.

From Board of Commissioners of Pilots—In reference to barge with scrap-iron, sunk at Pier 44, East river.

From New York, Greenwood and Coney Island Railroad Company—For permission to construct ferry slip and buildings, on Pier 1, East river.

From S. B. Dutcher, Public Works, Albany—In reference to dredging required at Piers 2 and 8, East River.

From Commissioners of the Sinking Fund—In reference to plans for Piers at Sixty-third, Sixty-fourth and Sixty-fifth streets, North river.

From New York Central and Hudson River Railroad Company—For permission to erect a pier : Sixty-first street, North river.

From R. Cornell White—In reference to meeting with the Commissioners, as to arrearages of nt.

From Engineer-in-Chief—As to repairs required to Pier 21, East river.

From F. W. J. Hurst—In reference to rent charged under lease of Pier new 39, North ver.

From W. D. Morgan, lessee—To have dredging done at easterly side of Pier 18, East ver.

From Engineer-in-Chief—As to dredging required at easterly side of Pier 18, East river.

From Hoboken Land and Improvement Company—To have street car turn-table removed from 1 front of Christopher street ferry.

From Engineer-in-Chief—In reference to the use of turn-table in front of Christopher street rry.

From Police Department—As to bad condition of pier at Seventy-ninth street, North river.

From Clark, Reeve & Co. —To remove dumping board from pier at One Hundred and Twenty- inth street, North river.

From Police Department—Consenting to removal of dumping board at pier at One Hundred and Twenty-ninth street, North river.

On motion, the following appointments were made :

William H. Carmen as a watchman, Martin Miller as a dockbuilder, and Patrick Fay, James ook, Joseph Anthony, Thomas Cosgrove, John Bacon, Michael Masterson, Jeremiah Grady, Henry evlin, William Strowbridge, and John McKenna, as laborers.

And the following persons were discharged :

Edward Conklin and James Anderson, captains of pile drivers ; and James Cain, Patrick lonin, Michael Connolly, Richard Cunningham, Daniel Donnegan, Joseph Doyle, Edward Fitz- atrick, Jeremiah Ford, Andrew Hance, John Love, Patrick McGarvey, John Moakley, Timothy furphy, and Michael Monohan, No. 2, dockbuilders.

On motion, the following additional laborers were appointed :

Alexander J. Lange, Thomas Cheevers, John McGuire, Patrick Farrell, Michael Gillen, James levin, Thomas Conway, Thomas Dwyer, George T. Dempsey, and James O'Brien.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a meeting of the Board of Docks, held July 28, 1880.

Present—Commissioner Vanderpoel, and the Comptroller of the city.

Absent—Commissioner Dimock.

Five proposals were received for furnishing material, labor, etc., for building a new wooden pier at the foot of Thirty-second street, East river, as follows, to wit :

| BIDDERS.                                      | CLASS 1.                     | CLASS 2.                    | CLASS 3.          |
|---|------------------------------|-----------------------------|-------------------|
|   | DREDGING.<br>PER CUBIC YARD. | RIP-RAP,<br>PER CUBIC YARD. | BUILDING<br>PIER. |
| 1. I. Eugene White.....                       | \$0 30                       | \$0 60                      | \$15,466 00       |
| 2. P. Sanford Ross and Joseph B. Sanford..... | 30                           | 70                          | 13,500 00         |
| 3. Thomas Curry.....                          | 60                           | 1 00                        | 16,490 00         |
| 4. John Gillies.....                          | 37                           | 70                          | 14,223 00         |
| 5. Holmes Bros.....                           | 45                           | 75                          | 17,592 00         |

A quorum of the Board not being present, the bids were laid over till the next meeting.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held July 30, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 21st and 28th instant were read and approved.

On motion, the bids for building a wooden pier at Thirty-second street, East river, opened in the presence of the Comptroller of the city on the 28th instant, were taken up for consideration, and the following resolution adopted, to wit :

Resolved, That the contract for building a new wooden pier at the foot of Thirty-second street, East river, be and is hereby awarded to Ross & Sanford, of 104 Hudson street, Jersey City, N.J., their bid for doing said work being the lowest under proposals publicly opened the 28th instant; provided that the Comptroller shall advise this Department that the said parties are not in default or arrears to the Corporation.

A communication was received from Edward Elliott and others, complaining that the pier at Forty-sixth street, North river, was so continually encumbered with brick and sand as to prevent its use for commercial purposes, and, being read, and the Secretary being directed to instruct the Superintendent of Docks for the district to have the pier kept free from incumbrances hereafter,

On motion, it was

Resolved, That John H. Benner, lessee of pier at Forty-sixth street, North river, be and hereby is notified that the brick and sand now stored upon the said premises must be removed therefrom within three days after date of receipt of this notice, complaint having been made to this Department that said materials obstruct the free use of the pier, and that hereafter the said premises must be kept free from any similar obstructions, and no material permitted to remain stored thereon for a longer period than three days.

A communication was received from the Pilot Commissioners advising that a report had been received stating that the steamboats "Nellie White" and "Kill von Kull" were in the habit of drawing their furnace fires nightly into the slip at Rector street, North river; and, being read,

On motion, it was

Resolved, That the owner or owners and captains of the steamboats "Nellie White" and "Kill von Kull" be and hereby are notified that complaint has been made to this Department that the fires of said steamers are nightly drawn into the slip at Rector street, North river, contrary to law, and that this Board will consider any proper evidence or explanation they may desire to submit before action is taken relative to the imposing a penalty for such offences.

A communication was received from the Department of Public Charities and Correction, urging that the slip in front of Bellevue Hospital, Twenty-sixth street, East river, be dredged without delay as its present condition was dangerous to the health of the inmates of the hospital; and, being read, and the Engineer-in-Chief submitting a draft of specifications for doing the work by contract,

On motion, the communication from said Department, dated January 28, 1880, and the report of the Engineer-in-Chief under Secretary's Order No. 1491, were taken from the table and placed on file, and the following resolution adopted, to wit:

Resolved, That the form of specifications and contract as prepared by the Engineer-in-Chief, for dredging the slip in front of Bellevue Hospital, Twenty-sixth street, East river, be and the same is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed, and proper advertisements inviting bids for doing said work inserted in the papers designated by law.

A communication was received from H. D. & J. U. Brookman, relative to the right claimed by them in premises at Eighteenth street, East river, being invaded by the extension to the bulkhead thereat, now being erected by the Department, and being read,

On motion, the Secretary was directed to state, in reply thereto, that the members of the Board are of the opinion that the premises referred to are the property of the corporation, but if they have any evidence of the title thereto being vested in themselves and will submit the same to the Board, it will receive proper consideration.

The following communications were received, read, and,

On motion, laid on the table, and the Engineer-in-Chief directed to examine and report the repairs necessary, and the cost of doing the work in each case respectively, to wit :

From Department of Public Charities and Correction—To have repairs made to dock at Ward's Island.

From Department of Public Charities and Correction—As to repairs needed to pier at Twenty-sixth street, East river.

From Schwarzschild & Sulzberger—In reference to bad condition of bulkhead at Forty-fifth street, East river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Engineer-in-Chief :

1. Reporting that George W. Carpenter and Philip Cox, Night Watchmen, had been suspended for being caught asleep at their respective posts of duty. Action approved, and the said watchmen discharged.

2. Report as to repairs required to the bulkhead between Piers old 20 and old 21, North river. Engineer-in-Chief directed to do the work in conformity with said report.

3. Report of work performed during week ending July 24, 1880.

4. Report as to the proper manner to secure a safe berth for the Free Floating Bath at Nineteenth street, East river. Engineer-in-Chief directed to do the work in conformity with said report.

From I. Eugene White—Claim of \$181.33 against John B. Devlin, contractor with this Department.

From Beard & Kimpland—Claim of \$654.06 against John B. Devlin, contractor.

From Michael Connolly and others, workmen of the Department, discharged.

From Lieut. H. H. Gorringe, U. S. N.—For use of water-front, derrick, etc., for the landing of the Egyptian obelisk. Action of the Commissioners in granting on the 28th instant permit to use the derrick City of New York and other floating property required, and to occupy water-front, approved.

From Decker & Rapp—Notice of withdrawal of claim filed against John B. Devlin.

The Auditing Committee presented an audit of thirty-one bills or claims, amounting in the aggregate to the sum of \$19,395.56, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the following preamble and resolutions were unanimously adopted, to wit :

Whereas, By virtue of the terms and conditions of a public sale held March 13, 1879, there was granted and assigned to Thomas Fitzpatrick, he being the highest bidder therefor, for a term of three years from the said 1st day of May, 1879, at a yearly rent or sum of \$1,100, all the wharfage and crannage privilege arising or accruing from the use and occupation of that certain wharf

property known and designated as pier at Twenty-eighth street, East river, in the City of New York ; and

Whereas, In and by the indenture agreed to be made by said Thomas Fitzpatrick, between the Mayor, Aldermen, and Commonalty of the City of New York, acting through its Department of Docks, of the first part, and himself of the second part, it is expressly agreed and provided between the parties thereto, that in the event of the said yearly rent or sum of money, or any part thereof, remaining unpaid for the space of ten days after the same should have become due and payable in accordance with the terms thereof, it should be lawful for the said Department of Docks to serve, or cause to be served, upon the said Fitzpatrick, a notice in writing declaring that the said grant and assignment so made as aforesaid had become utterly null and void ; and thereupon, to have again, repossess, and enjoy said wharfage rights and premises, in all respects and in like manner as though such grant and assignment to said Fitzpatrick had never been made or executed ; and

Whereas, The said Fitzpatrick has failed and neglected to pay the said rent or sums of money in and by said proposed indenture agreed to be paid in accordance with the terms thereof, and is now largely in arrears to this Department on account thereof ; therefore, it is

Resolved, That the said grant and assignment to the said Fitzpatrick, as aforesaid, be and the same is hereby declared utterly null and void, and that notice in writing of such action and determination of this Board, in behalf of the Mayor, etc., of the City of New York, to have again, repossess, enter upon and enjoy said wharfage rights and premises, be and is hereby served upon the said Thomas Fitzpatrick in conformity to the terms and conditions of said indenture agreed to be executed.

Resolved, That the Trustees of the Floating Chapel, moored at the southerly side of Pier 40, East river, be and hereby are notified, that unless the dredging ordered to be done under resolution adopted by this Board on February 11, 1880, shall be commenced and proceeded with to the satisfaction of the Engineer-in-Chief of this Department within fifteen days after the receipt of this notice, a penalty of \$50 per day will be imposed for each and every day after the expiration of the said fifteen days, until the completion of the work of dredging ordered.

Resolved, That the Treasurer be and hereby is authorized and directed to prepare and present for payment a statement of claim for \$515.65 against the Police Department for services of derrick, etc., rendered to date, in turning over or righting capsized scows of the Bureau of Street Cleaning, the Engineer-in-Chief having reported orally to this Board that applications for such service were quite frequent and often consumed much time of the force of this Department ; and further, that the Commissioners of Police are respectfully informed that this Department will hereafter be compelled to decline rendering such service, unless full compensation is made for the service rendered or to be rendered.

Resolved, That the Engineer-in-Chief be and hereby is directed to proceed with the construction of sufficient concrete base-blocks for the bulkhead or river wall, between the south side of Pier old 39, North river, and the north end of Beach street section, and also that he be and hereby is directed to proceed with the construction of about 250 feet of said bulkhead wall, extending from the north end of the wall of the Beach street section, now building between Beach and Huber streets, to the south side of Pier old 39, North river, upon the same plan as that of the Chambers street section of the bulkhead or river wall, and of two piers to be known as Piers new 27, and

new 28, North river, and that all of the work hereby ordered be performed otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and that it be done by the force of the Department by days' work, except so much of the labor as is now or may hereafter be contracted for, and that all the material and dredging necessary therefor not heretofore contracted for or which may not hereafter be contracted for, be purchased by the Treasurer otherwise than by contract.

On motion, the Secretary was directed to instruct the Superintendent of Docks for District No. 1, North river, to notify the owner or owners of the large ship's house now placed on Pier new 1, North river, that it must be removed forthwith or the Department will take it down, as it is an obstruction to the free use of the surface of the pier.

On motion, the following appointments were made, to wit :

Matthew Garrigan, George W. Carpenter, Alfred Gee, Cornelius Hickey, James Donnelly as laborers, and Edward Conklin as a captain of pile driver.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

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At a meeting of the Board of Docks, held August 4, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the reading of the minutes of meetings not approved, was dispensed with.

A communication was received from the Pilot Commissioners, advising that Inspector Conway had reported that certain scows towed by the tug "Mary J. Finn," had dumped dredged material on the night of 31st ult., off the west point of Coney Island, contrary to law, and that the captain of the tug stated that he was in the employ of the Union Dredging Company, dredging for this Department, although the signal required to be carried by tugs so employed was not hoisted at the time, and, being read,

On motion, the Secretary was directed to request Inspector Conway to call upon the Commissioners at his earliest convenience for the prompt investigation of his charges, and the Engineer-in-Chief was directed to examine and report all information relative to such illegal dumping, obtainable from the employees of the Department.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From John A. Bouker—Claim for demurrage on Scow 28. Engineer-in-Chief directed to examine and report as to the liability of the Department.

From Christopher Foster and others, business men and residents of the Twenty-first Ward—Petition for pier at Thirty-fifth street, East river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From the Comptroller—Advising that Ross & Sanford are not in default or arrears to the Corporation.

From Ross & Sanford—Accepting award of contract for building pier at Thirty-second street, East river, under proposals opened the 28th ultimo.

From Thomas J. Hinch—Withdrawing claim filed against John B. Devlin, contractor.

From Vincent C. King—Requesting that Patrick McGarvey, dockbuilder, be reinstated.

From Beard & Kimpland—Withdrawing claim filed against John B. Devlin, contractor.

From Engineer-in-Chief :

1. Report that James O'Donnell, night watchman, had been suspended for being caught asleep at his post of duty. Action approved, and said watchman discharged.

2. Report of work performed during week ending July 31, 1880.

On motion, the Secretary was directed to notify the Police Department that this Department had done such part of the work as was agreed to be performed, in preparing the premises at Joboken street, North river, for the erection of a dump, and had designated the material to be used by the Police Department in such work, and that this Board is unaware of any reasons to justify any further delay in the removal of the dump from Laight street, North river, and to request that immediate action may be had by the Board of Police to secure its removal forthwith.

On motion, the following appointments were made, to wit :

James O'Donnell as a laborer, and William Love as a captain of pile driver.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a special meeting of the Board of Docks, held August 11, 1880.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

Three proposals were received and opened for building a wooden pier at Thirty-first street, East river, as follows :

| BIDDERS.                | CLASS 1.<br>DREDGING.<br>ABOUT 1,500<br>CUBIC YARDS.<br>PER CUB. Y'D. | CLASS 2.<br>RIP-RAP.<br>ABOUT 2,700<br>CUBIC YARDS.<br>PER CUB. Y'D. | CLASS 3.<br>BUILDING PIER<br>COMPLETE. | ESTIMATED<br>TOTAL COST. |
|-------------------------|---|--|--|--------------------------|
| 1. Ross & Sanford.....  | \$0 30  | \$0 70   | \$15,430 00                            | \$17,770 00              |
| 2. I. Eugene White..... | 35  | 70   | 15,998 00                              | 18,413 00                |
| 3. John Gillies.....    | 35  | 70   | 15,887 00                              | 18,302 00                |

--and being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.



A communication was received from John E. Rathbun, of the steamboat "Nelly White," and one from John B. Morford, superintendent, on behalf of the steamboat "Kill Von Kull," each denying the charges made by the Commissioners of Pilots, that their respective steamboats draw their furnace-fires into the slip at Rector street, North river, and, being read,

On motion, the Secretary was directed to advise the said Commissioners of Pilots of the filing of the denials of the charge against said steamboats, and to request the said Commissioners to present such proper evidenced proof, if any be in their possession, as will substantiate their charge against either or both of the said steamboats.

A communication was received from the Engineer-in-Chief, reporting the quantity of material dredged by the Union Dredging Company with the Department dredge, and quantity of dredgings removed in Department scows during June, 1880, and, being read,

On motion, it was

Resolved, That the Treasurer be and hereby is authorized and directed to prepare a statement of claim in the sum of \$3,091.90 and present the same to the Union Dredging Company for payment, being for use of scows of the Department in removing during the month of June, 1880, 2,180 cubic yards of material, at two cents per cubic yard, and also for the use of a Department dredge in excavating 24,883 cubic yards of material, at ten cents per cubic yard.

The following communications were received, read, and,

On motion, laid on the table for further consideration or to await action, where stated, to wit :

From Isaac E. Smith—Protesting against any invasion of his rights in vicinity of Twenty-sixth street, North river, by erection of a pier thereat or otherwise.

From H. D. Brookman—Claiming title to southerly half of Thirty-first street, East river, and protesting against the erection of a pier thereat.

From the Department of Public Works—Advising that bulkhead at Forty-third street, East river, requires to be repaired before the paving of the street now in progress can proceed. Engineer-in-chief to examine premises, and report repairs necessary and the estimated cost of the work.

The following communications were received read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Henry P. Marshall, of trustees of Floating Chapel, requesting that dredging of slip, southerly side of Pier 40, East river, be delayed until owners or occupants of the other half of the slip dredge their part. Action of Commissioners in replying, that, unless the dredging ordered by the Board on February 11, 1880, shall proceed forthwith, the penalty stipulated for under resolution of July 30, 1880, will be imposed, confirmed.

From American Humane Society, Dr. William F. Thomas, President—Requesting that the end of every other pier on the North and East rivers be kept open for the use of sick children. Secretary directed to reply that the Department has no power to set apart for such uses and purposes any wharf property on the water front of the city.

From Counsel to the Corporation—Relative to securing for the city certain wharfage accrued at pier 48, East river.



From Comptroller—Advising approval of sureties for contract with Ross & Sanford for building pier at Thirty-second street, East River.

From I. Eugene White—Withdrawing claim filed against John B. Devlin, contractor.

From the Engineer-in-Chief, as follows :

1. Reporting that James A. Kay, night watchman, had been suspended from duty, having been found asleep at his post.

Action confirmed, and said watchman discharged.

1. Reporting that the Inman Steamship Company desire an extra foundation to Pier new 36, North river, to more properly sustain the shed to be erected thereon, and estimating the cost of the work at about \$325.

Engineer-in-Chief directed to confer with the contractors for building said pier, and, if terms satisfactory to himself for doing the work can be agreed upon with them, to make requisition upon the Treasurer for such material and labor as may be required to introduce the extra foundation timbers asked for.

3. Report of work performed during week ending August 7, 1880.

Engineer-in-Chief directed to cause the stoppage of the dumping of ashes at bulkhead north of Pier new 1, North river, and the Superintendent of Docks for the district directed to notify the ice company berthed at pier at Third street, East river, to put and keep down temporary planking for the use of horses used in unloading their barges.

4. Report of quantity of material dredged at various premises on the water front.

From Alderman Matthew J. Coggey—Requesting that Philip Reilly, a laborer on the force of the Department, may be constantly employed.

The Auditing Committee presented an audit of seventeen bills or claims, amounting to the sum of \$17,774.37, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from the Engineer-in-Chief, relative to the penalty deducted from the estimate (No. 1) under contract with Stephen L. Merchant, agent, for furnishing 5,000 barrels of Portland cement, and stating that the delay in the progress of the work of the Department had not been occasioned by the non-delivery of the cement at the time stipulated therefor, and, being read,

On motion, it was

Resolved, That this Board hereby certify to the Comptroller that the failure of Stephen L. Merchant, agent, to deliver the material specified in estimate (No. 1) within the time stipulated therefor under his contract for furnishing 5,000 barrels Portland cement, dated June 14, 1880, has not caused the corporation to sustain, up to 9th instant, any loss or damage whatsoever, the work of the Department having been delayed from other unexpected causes to such an extent as to prevent any demand for cement beyond the quantity already on hand.

On motion, Peter Burke was appointed a laborer.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a special meeting of the Board of Docks, held August 12, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller advising that Ross & Sanford are not in default or arrears to the corporation, and, being read,

On motion, the proposals received and publicly opened the 11th instant, for building a wooden pier at Thirty-first street, East river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for building a new wooden pier at the foot of Thirty-first street East river, be and is hereby awarded to Ross & Sanford, of 104 Hudson street, Jersey City, N. J. their bid for doing said work being the lowest under proposals publicly opened the 11th instant, and the Comptroller having advised in writing this day that said parties are not in default or arrears to the corporation.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a meeting of the Board of Docks, held August 18, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 11th and 12th instants were read and approved.

A communication was received from the Comptroller, stating that he had decided to remit the penalty imposed upon Stephen L. Merchant, agent, contractor for furnishing 5,000 barrels "Portland" cement, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, By virtue of the power vested in the Finance Department, by section 31 of chapter 335, Laws of 1873, the Comptroller has decided to remit the penalty imposed by this Department upon Stephen L. Merchant, agent, for non-delivery of cement within the times agreed upon under his contract for furnishing said material, dated June 14, 1880, and deducted in the sum of \$800 from audited claim No. 6,457 on August 11, 1880; therefore

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$800, being the amount now due said Stephen L. Merchant, agent, under said audited claim, consequent upon the said penalty being remitted, and that the bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit estimate No. 1, under said contract, as settled and paid in full in the sum of \$2,787.84.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From N. Y. Central & Hudson R. R. Co.—In reference to piles being driven by them between Fifty-ninth and Sixtieth streets, North river, said company requested to present to this Department an application with plans for the improvement intended to be made at the above-named premises.

From John J. Burchell—In reference to assignment of lease of pier at Fifty-third street, East river.

From Engineer-in-Chief—In reference to the condition of bulkhead at the north side of Sixty-first street, East river. Engineer-in-Chief directed to have a diagram of the premises prepared.

From Health Department—As to the necessity of dredging slip at Pier old 41, North river. Engineer-in-Chief directed to examine and report as to the necessity of dredging at said premises, and the amount of material to be removed.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Henry H. Gorringe, Lieut. U. S. N.—For permission to construct landing stage on the southerly side of pier at Ninety-sixth street, North river. Permission granted, provided that he file in this Department the consent of the lessee of said pier for the proposed work, and agrees to remove said structure whenever ordered so to do by this Department, free of expense to the city.

From the Comptroller—Advising approval of sureties for contract with Ross & Sanford, for building pier at Thirty-first street, East river.

From Ross & Sanford—Accepting award of contract for building pier at Thirty-first street, East river, under proposals opened the 11th instant.

From Department of Public Charities and Correction—In reference to securing improved facilities for shipping fire apparatus to the Islands, from piers on the East river, set apart for that purpose. Secretary directed to advise in reply that the Engineer-in-Chief of this Department is now engaged in preparing plans with the Fire Commissioners for the purpose stated.

From Police Department—Stating that the work of erecting dumping board on Pier old 42, North river, foot of Hoboken street, had been commenced.

From John J. Burchell and others—Remonstrating against the erection of a platform for landing ice on pier at Fifty-fourth street, East river. Secretary directed to advise in reply, that on March 26, 1879, permission was granted to the Mutual Benefit Ice Co., lessees, to erect a platform for the landing of ice on pier at Fifty-fourth street, East river, and that it has been the custom of this Department to grant such permits, where the Harbor Master of the District gave his approval thereto. Under the circumstances, the Board does not consider itself bound, for the reasons stated in their communication, to prevent the erection of the platform in question.

From C. W. Vandervoort—In reference to the ownership of water-front at the foot of Lincoln avenue, east of Third avenue bridge, Harlem river.

From J. E. Miller & Co.—In reference to obtaining a lease of the bulkhead recently constructed by this Department, between Sixtieth and Sixty-first streets, East river. Secretary directed to

advise in reply that this Department is not prepared to lease the same at present, but as soon as a lease of said bulkhead shall be offered at public sale, they will be duly notified.

From Engineer-in-Chief, the following reports—

1. In reference to Beton Blocks manufactured by the New York Stone Contracting Company.
2. In reference to work done in covering the surface of Pier new 1, North river, with an asphalt pavement.
3. In reference to claim of Scully & O'Neill, for demurrage on scows, etc.
4. In reference to condition of bulkhead at Forty-fifth street, East river, Schwarzschild & Mulzberger, lessees, directed to make the necessary repairs to the premises, under the supervision of the Engineer-in-Chief, in accordance with the terms and conditions of the lease held by them.
5. As to repairs needed to pier at Twenty-sixth street, East river. Application of Department of Public Charities and Correction, occupants, to have repairs made to said pier, taken from the table and placed on file, and the Engineer-in-Chief directed to make the necessary repairs, in accordance with his report, at a cost of about \$600.
6. In reference to the repairs needed to the dock at Ward's Island. Application of Department of Public Charities and Correction to have repairs made thereto taken from the table and placed on file, and the Engineer-in-Chief directed to make the necessary repairs to the premises, at a cost of about \$150.
7. As to claim for demurrage on scows under contract with John A. Bouker, amounting in all to \$290.75. Claimant requested to call upon the Secretary for instructions as to the making of the bill.
8. As to material excavated and removed by Chandler H. Loomis, contractor, and the Union Dredging Company, in department dredges and scows during the month of July, 1880. Secretary directed to forward bills to the above-mentioned parties respectively for the amounts due for use of each dredges and scows, with the request that they pay said amounts to the Treasurer of this Department.
9. As to notice sent to Ross & Sanford, contractors, to commence building Pier new 21, North river.
10. As to work performed during week ending August 14, 1880.

Captain Briggs, on behalf of the Trustees of the Floating Chapel moored at the inner end of the southerly side of Pier 40, East river, appeared and stated that Phelps Bros., lessees of the pier, are willing that he should postpone the dredging ordered to be done by him at the berth occupied by said Chapel, until such time as they are prepared to dredge the balance of the slip on the southerly side of the pier, and, being read at length,

On motion, the Secretary was directed to request Phelps Bros., the said lessees, to advise this board, in writing, if this statement is in accordance with their understanding of the matter.

The Department of Public Works having made a request, orally, to have the wagons, trucks, &c., now encumbering the space lately filled in between Leroy and Clarkson streets, North river, removed, in order to facilitate the work of building sewers thereat,

On motion, the Engineer-in-Chief was directed to cause the removal of said wagons, trucks, etc., to the Corporation yard, first endeavoring to ascertain the owners thereof.

A communication was received from the Engineer-in-Chief relative to the penalty deducted from estimate No. 2, under contract with Robert L. Darragh, for furnishing granite stones, and stating that the delay in the progress of the work of the Department had not been occasioned by the non-delivery of the granite stones at the times stipulated therefor, and, being read,

On motion, it was

Resolved, That this Board hereby certify to the Comptroller that the failure of Robert L. Darragh to deliver the material specified in estimate No. 2 within the times stipulated therefor, under his contract for furnishing granite stones for bulkhead or river wall, dated March 26, 1880, has not caused the Corporation to sustain any loss or damage whatsoever, the work of the Department having been delayed from other causes, and the premises not being in readiness for the setting of the stones.

On motion, Edward Brady and William Van Dusen were appointed dockbuilders, and James Connell, Patrick Mara, Matthew McGuire, and James Keenan as laborers.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held August 25, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 18th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Department of Public Works—To have the bulkhead at Forty-third street, East river, repaired. Daniel O'Reilly, Water Purveyor of said Department, requested to call on the Engineer-in-Chief of this Department in reference thereto.

From John J. Burchell.—Asking consent to assignment to him of lease of Pier at Fifty-third street, East river, from C. H. Eldredge and C. H. Warren, lessees.

From Health Department—Requesting that the work of dredging the slip at Twenty-fourth street, North river, be postponed until cooler weather. Secretary directed to request Chandler H. Loomis, contractor for doing said dredging, to call on the Engineer-in-Chief in reference to a cessation of the work for the present.

From Williams & Guion, lessees of Pier new 38, North river—In reference to the foul condition of the slip thereat. Engineer-in-Chief directed to examine and report on the condition of said slip.

From Engineer-in-Chief—As to the alleged illegal dumping of dredged material, complained of by the Board of Commissioners of Pilots on 3d instant.

From Engineer-in-Chief—As to the condition of bulkhead at Forty-third street, East river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Police Department—As to repairs necessary to be made to Pier 48, East river. Engineer-in-Chief directed to repair the holes in the surface of said pier, so as to render it safe for travel.

From Stephen A. Jenks & Co.—For permission to drive fender piles at Piers 17 and 18, East river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Phelps Brothers—In reference to dredging to be done by the Trustees of the Floating Chapel, moored at the inner end of the westerly side of Pier 40, East river.

From Police Department—To have dredging done around the dumping board at Market street, East river. Engineer-in-Chief directed to make requisition for the necessary dredge, scows, and labor, to do such dredging at said premises as will be sufficient to accommodate the boats of the Bureau of Street Cleaning, provided the cost of doing the work shall not exceed the sum of \$950.

From Engineer-in-Chief, as follows :

1. Report as to repairs required to pier at Thirty-third street, East river. Engineer-in-Chief directed to make repairs to said premises in accordance with his report, at a cost of about \$150.
2. Report as to work performed during week ending August 21, 1880.

The Auditing Committee presented an audit of 13 bills or claims, amounting to the sum of \$8,499.74, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Secretary was directed to request the President of the People's Line of Albany boats, occupants of Pier old 41, North river, to call upon the Commissioners as soon as possible, with reference to the dredging necessary to be done in the slip between Piers old 41 and old 42, North river.

On motion, it was

Resolved, That when this Board adjourns, it shall adjourn to meet on Wednesday, September proximo.

On motion, Michael Clancy and James Garland were appointed as Dockbuilders, and William Moran as a Watchman.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held September 8, 1880.

Present—Commissioners Dimock and Vanderpoel, and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

One proposal was received and opened from Chandler H. Loomis, for dredging the slips between the piers at Twenty-sixth and Twenty-eighth streets, East river, at 35 cents per cubic yard, and, being read and examined,

On motion, the following resolution was adopted :

Resolved, That the contract for dredging the slips between the piers at Twenty-sixth and Twenty-eighth streets, East river, be and is hereby awarded to Chandler H. Loomis, of 139 Yates avenue, Brooklyn, his bid for doing said work being the lowest under proposals publicly opened the 8th instant ; provided that the Comptroller shall advise this Department that said Loomis is not in default or arrears to the Corporation.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held September 8, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held August 25, 1880, were read and approved.

An application was received from Theodore F. Tone, asking that consent be given to the assignment of his lease, expiring May 1, 1882, of the pier at One Hundred and Fifty-second street, North river, to the Albemarle Fertilizer Co., and, being read,

On motion, it was

Resolved, That the consent of this Board be and is hereby given to Theodore F. Tone to assign to the Albemarle Fertilizer Co. the lease of pier at One Hundred and Fifty-second street, North river, purchased at public sale held March 14, 1878, but this department does not thereby release the present lessee or his sureties from any liability under the provisions of said lease.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From A. C. Botsford—Stating that stone was being landed at pier at One Hundred and Fifty-second street, North river, in such manner as to endanger the surface of the pier. Superintendent of Docks for the district directed to correct the evil complained of and report the condition of the premises.

From Department of Public Charities and Correction—To have repairs made to the bulkhead at Fifty-second street, East river. Engineer-in-Chief directed to examine the premises, and report the repairs necessary to be made thereto.

From Police Department, Superintendent McConkey, and Engineer-in-Chief—As to the breaking down of the westerly side of Pier 12, East river. Action of the Commissioners on the 4th instant in notifying the lessee of said pier to repair the premises without delay, approved.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From M. C. Menzie—For permission to extend the platform on the east side of Pier 52, East river, for the landing of ice. Applicant informed that this Department has no objection to his extending the said platform provided he shall obtain the consent thereto of the lessee of the westerly side of said pier.

From National Line of Steamships—To have repairs made to the approach to Pier new 39 North river. Engineer-in-Chief directed to make the necessary repairs to the premises.

From Counsel to the Corporation—In reference to the collection of wharfage accrued at Pier 48, East river.

From Department of Public Works—In reference to sewer outlet at Third Avenue Bridge Harlem river.

From Commissioners of the Sinking Fund—Approval of the change in lines of Pier new 41 North river.

From Board of Commissioners of Pilots—In reference to the dumping of ashes in slip at Pier 8, North river, heretofore reported.

From Commander Henry H. Gorringe, U. S. N.—Enclosing the consent of the lessee of pier at Ninety-sixth street, North river, to the erection of a stage for landing the obelisk adjacent to said pier.

From Scammell Brothers and Board of Commissioners of Pilots—In reference to Pier 23, East river, being encumbered with cargo. Superintendent McConkey directed to cause the removal of all goods from the above-named premises which have been thereupon for the space of forty-eight hours, and to keep said pier free from similar encumbrances in the future.

From Cavanagh & Collins—For permission to erect a derrick at Sixty-first street, East river for the landing of coal. Permission granted, the Department reserving the right to cause its removal at any time it may so elect.

From Engineer-in-Chief, as follows :

1st. Report as to work performed during week ending August 26, 1880.

2d. As to the condition of water-front between One Hundred and Sixteenth and One Hundred and Seventeenth streets, Harlem river. Engineer-in-Chief directed to lay a wall along said water front on the boundary line of the land belonging to the city, in order that the limits of said property may be properly defined.



3. Estimate of cost and plans for improved or enclosed dumping boards, requested by the Police Department. Secretary directed to forward the same to the Police Department.

4th. As to material excavated and removed by Chandler H. Loomis, contractor, and the Union Dredging Co., in Department dredges and scows during the month of August, 1880. Secretary directed to forward bills to the above-mentioned parties respectively, for the amounts due for use of said dredges and scows, with the request that they pay said amounts to the Treasurer of this Department.

The Auditing Committee presented an audit of sixteen bills or claims, amounting to the sum of \$10,957.32, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward said bills, together with the proper requisitions for the amount, to the Finance Department for payment.

On motion, the Engineer-in-Chief was directed to repair pier at Twenty-eighth street, East river, at a cost of about \$500.

On motion, the Engineer-in-Chief was directed to examine and report the condition of Pier 48, East river, and cost of repairs necessary to be made thereto.

The Secretary submitted estimates for printing the annual report of the Department for the year ending May 1, 1880, from Martin B. Brown, Levien & Childs, and William C. Bryant & Co., and, upon examination, it being ascertained that the estimate of the last-named firm was the lowest,

On motion, the Treasurer was requested to issue an order to William C. Bryant & Co. to do the work in conformity with their estimate.

A form of notice to be given lessees, advising that their respective leases are prepared and ready for execution, and also a form of notice to lessees in arrears for rent were submitted by the Secretary, and, being read, were,

On motion, approved and adopted, and the Secretary directed to have a sufficient quantity of each of said forms printed.

On motion, the following resolutions were adopted, to wit :

Resolved, That the Secretary be and hereby is authorized and directed to cause to be served upon each and every purchaser of a lease for wharf property owned by the Corporation who may neglect or refuse to execute the form of lease therefor, as prepared and approved by the Counsel to the Corporation, a notice to execute their respective leases within ten days after date of said notice, which shall be in the form adopted therefor this day, and promptly report to this Board all of such lessees as fail to comply with such notice.

Resolved, That the Secretary be and hereby is authorized and directed to cause to be served upon each and every lessee of wharf property owned by the Corporation who may be in arrears for rent therefor, a notice to pay the amount due by each respectively within five days after date of notice, which shall be in the form adopted therefor this day, and promptly report to this Board all such lessees as fail to comply with such notice.

On motion, the Engineer-in-Chief was directed to examine and report the repairs necessary to be made to Piers 13, East river, and at Thirtieth street, North river.

On motion, the lessee of easterly half of Pier 24, East river, and the owner of the westerly half of said pier were notified to repair the planking on said pier.

On motion, the lessee of Pier 51, East river, was notified to make the necessary repairs thereto.

The Engineer-in-Chief reporting that Henry Ferguson, William H. Carman, Edward Daly, and Cornelius Van Antwerp, night-watchmen, had been suspended, having been found asleep at their posts,

On motion, his action was confirmed, and the said watchmen discharged.

On motion, William H. Carman was appointed a laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held September 15, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 8th instant were read and approved.

A communication was received from the Engineer-in-Chief, submitting a draft of form for specifications and contract for building Pier new 41, North river, and, being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief, for building Pier new 41, North river, at foot of Leroy street, be and hereby is approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed, and proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From John A. Bouker—For permission to extend, repair, and use the stone dump at the foot of Seventieth street, East river. Engineer-in-Chief directed to examine and report on the condition of said premises.

From Arkell & Co.—For lease of new pier to be built above Twenty-third street, North river. Applicants requested to call at the next meeting of the Board in reference to their application.

From Richardson and others—To have a new pier built at One Hundred and Twenty-third street, Harlem river. Engineer-in-Chief directed to examine and report cost of building a suitable pier thereat.

From Engineer-in-Chief, enclosing diagram of water-front between Sixty-first and Sixty-second streets, East river. Secretary directed to address communications to S. Bayard Fish and Jeremiah Towle, advising that in the opinion of this Board the title to the water-front between Sixty-first and Sixty-second streets, East river, is vested in the Corporation; and to request them to submit to this Department any papers or evidence upon which they claim title to said water-front.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Comptroller, stating that Chandler H. Loomis, contractor, is not in default or arrears to the Corporation.

From Chandler H. Loomis, accepting award of contract for dredging between Twenty-sixth and Twenty-eighth streets, East river, under proposals opened the 8th instant.

From Comptroller, advising approval of sureties to proposal of Chandler H. Loomis, for dredging between Twenty-sixth and Twenty-eighth streets, East river.

From H. R. Miller—To lease the shed at Pier 31½, East river, for the purpose of receiving country produce, etc. Application denied, the Department not being authorized to let the water-front of the city for such purposes.

From Superintendent William McConkey, in reference to goods encumbering Pier 23, East river.

From Engineer-in-Chief, as follows :

1. Report as to work performed during week ending September 11, 1880.
2. Report as to repairs needed to piers on the North and East rivers, occupied by dumping boards. Engineer-in-Chief directed to repair the piers at Stanton street and Fifth street, East river, in conformity with his report on Secretary's Order, No. 1589, and to examine and report the repairs required to the pile work and decks on piers at Twelfth, Twenty-first and Thirty-seventh streets, North river, and at Twenty-second street, East river (not including dumping boards).

On motion, the following resolution was adopted :

Resolved, That Charles G. Francklyn, Agent, Cunard Steamship Company (limited), be and is hereby informed that this Department will grant a lease to the said company, for a term of ten years, of Pier new 41, North river, as soon as it shall be wholly constructed and completed by the Department, in conformity with the new plans adopted for the improvement of that section of the water-front, at an annual rent of \$30,000, payable quarterly in advance, and will agree in said lease to give to the said lessees a covenant of renewal for a further term of ten years, at an annual rent of \$30,500, the Department reserving the right to build the said new pier and the bulkhead wall contiguous thereto at such time as may by said Department be deemed expedient, provided that the said company shall, within five days after receipt hereof, file in this office a written acceptance of

the terms hereof, and agree to execute a lease for the said new pier upon its completion, containing the usual covenants and conditions, and in conformity with the terms herein set forth.

On motion, Patrick Riley was appointed a laborer, Patrick Mara a deck hand on Tug Manhattan, and John Tietgen as a watchman.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held September 22, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

On motion, the reading of the minutes of the meeting held the 15th instant was dispensed with.

A communication was received from the Board of the Commissioners of Pilots, enclosing a complaint from Captain Williams, of the Bureau of Street Cleaning, that the occupants of Pier 53, East River, were in the habit of throwing the saw dust, straw and dirt collected thereon into the river, and, being read,

On motion, it was

Resolved, That the occupant of Pier 53, East river, be and hereby is notified that complaint has been made that straw, saw dust and dirt are frequently thrown into the river from said pier, which is an offense against the regulation of this Department; and further notice is hereby given, that a penalty of twenty-five dollars will be imposed and collected by the Department for each and every time hereafter such offense may be committed.

A communication was received from the Engineer-in-Chief, reporting that the easterly half of Pier 12, East river, was in such condition as to be unsafe for use, and, being read,

On motion, it was

Resolved, That the owner or owners of the easterly half of Pier 12, East river, be and he is or they are hereby notified and directed to make without delay and under the supervision of the Engineer-in-Chief of this Department, such repairs thereto as may be necessary, to put the premises in a safe condition for commercial use, the Board being informed that at present the pier is liable to break down even by ordinary usage; and further, that the said owner or owners be requested to confer with this Board at once, with a view to consenting that said repairs may be made simultaneously with and by and under the contract, now being prepared for public letting, for repairs to the westerly half of said pier, owned by the Corporation.

On motion, the Engineer-in-Chief was directed to prepare specifications for doing all the work by contract, jointly with the owner or owners of the easterly half, for the repairs necessary to put

the whole of said Pier 12, East river, in good order and condition, the lessee of the westerly half having thus far neglected to repair that portion of the pier as directed by the Board on the 4th instant, and it being understood that he refuses to make the repairs.

A report was received from the Engineer-in-Chief, stating that Pier 13, East river required very extensive repairs to keep it in a serviceable condition, and, being read,

On motion, it was

Resolved, That the owner or owners of Pier 13, East river, be and he is or they are hereby notified and directed to make, without delay, and under the supervision of the Engineer-in-Chief of this Department, such repairs thereto as may be necessary, to place the said pier in proper and safe condition for commercial use, the Superintendent of Docks for the district having reported the pier as unsafe at present.

A communication was received from the Maine Steamship Company, asking for an extension of lease for Pier 38, East river, and advising that too extensive repairs are required to warrant the Company doing the work under its existing lease, and, being read, was,

On motion, laid on the table, and the Engineer-in-Chief directed to examine the pier and report the repairs necessary to keep the premises in a safe condition till May 1, 1881, the date of expiration of the existing lease.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Charles G. Francklyn, Agent, Cunard Steamship Company (limited)—Accepting terms of lease of Pier new 41, North river, under resolution of the Board, passed 15th instant.

From Capt. Alexander S. Williams, Inspector of Bureau of Street Cleaning, requesting that fifteen piles be driven at foot of Twelfth street, North river to enable the Police Department to repair the dump thereat. Action of Commissioners in directing the Engineer-in-Chief to do the work on 20th instant confirmed.

From Edward C. Barber, of Ottawa, requesting information relative to dredging contractors in this city. Secretary directed to furnish the information desired and forward copy of last contract made by the Department.

From Superintendent William McConkey, reporting the sinking of lighter "Nancy Ann" at Pier 23, East river, on 16th instant.

From Engineer-in-Chief, the following :

1st. Reporting the suspension of William Doran, night watchman, for being asleep at his post on 16th instant. Action approved, and the said watchman discharged.

2d. Reporting the repairs needed to Pier 48, East river. Engineer-in-Chief directed to prepare specifications for doing the work by contract, in conformity with his report.

3d. Reporting the repairs required to piers at Twenty-second street, East river, and at Twelfth, Twenty-first and Thirty-seventh streets, North river. Engineer-in-Chief directed to drive the piles at Twenty-second street, East river, and at Twenty-first and Thirty-seventh streets, North

iver, and to construct a proper approach to the pier at Thirty-seventh street, North river, all in conformity with his report.

4th. Reporting repairs required to dump at Seventieth street, East river. Engineer-in-Chief directed to do the work in conformity with said report.

5th. Reporting that two coal derricks have been erected between Sixtieth and Sixty-first streets, East river. Superintendent of Docks for the district directed to notify the owners of all derricks between said streets to remove them without delay.

6th. Reporting that the old material for the construction of a dumping board at Hoboken street, North river, was not used by the Police Department.

7th. Reporting the condition of the sewer outlet at Pier new 38, North river.

8th. Report of work performed during week ending September 4, 1880.

9th. Report of work performed during week ending September 18, 1880.

The Auditing Committee presented an audit of 27 bills or claims, amounting to the sum of \$21,266.80, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from the Engineer-in-Chief, advising that the delay in the delivery of the cement under contract with Stephen L. Merchant, agent, under estimate No. 2, has not caused any delay whatsoever in the work of the Department, and, being read,

On motion, it was

Resolved, That this Board hereby certify to the Comptroller that the failure of Stephen L. Merchant, agent, to deliver the material specified in estimate No. 2, within the times stipulated therefor under his contract for furnishing 5,000 barrels Portland cement, dated June 14, 1880, has not caused the Corporation to sustain any loss or damage whatsoever, the work of the Department having been delayed from other unexpected causes to such an extent as to prevent during the present year the construction of that part of the bulkhead wall for which the cement was ordered.

On motion, Patrick Ward and William O'Brien were appointed dock builders, and Thomas Finley and Jeremiah Hogan as watchmen.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary, pro tem.

At a meeting of the Board of Docks, held September 29, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 15th and 22d instants were read and approved.

A communication was received from the Bureau of Street Cleaning of the Police Department, requesting that dredging be done in the slip at the southerly side of the pier at Forty-seventh street, North river, and being read and the Engineer-in-Chief reporting that it will be necessary to remove about 1,000 cubic yards of mud to obtain sufficient water for the scows of said bureau ;

On motion, the Engineer-in-Chief was directed to make requisition upon the Treasurer for the necessary dredge, scows and labor to do such dredging.

A report was received from the Engineer-in-Chief as to the condition of the Pier 38, East river ; and, being read,

On motion, the application of the Maine Steamship Company, lessee of said pier, for an extension of the present lease, was

Taken from the table and placed on file, and the following resolution adopted, to wit :

Resolved, That the Maine Steamship Company, lessee of Pier 38, East river, be and is hereby notified and directed to make the necessary repairs thereto without delay, the Engineer-in-Chief having reported that a portion of the outer end thereof is in danger of falling, and that to place the pier in a safe condition for the remainder of the term of the existing lease will cost about \$1,500.

A report was received from the Engineer-in-Chief, as to the condition of the pier at Thirtieth street, North river, and, being read,

On motion, it was

Resolved, That Thomas Fitzpatrick, lessee of the pier at Thirtieth street, North river, be and hereby is notified and directed to make the necessary repairs thereto, without delay ; the Engineer-in-Chief having reported that several holes have been made, consequent upon part of the sheathing being worn out, and that a mooring cleat has been pulled off, and that he estimates the cost of doing the work at \$125.

A report was received from the Engineer-in-Chief as to the condition of the bulkhead at Fifty-second street, East river, and, being read,

On motion, the application of the Department of Public Charities and Correction to have the facilities for landing thereat improved, was taken from the table and placed on file, and the Engineer-in-Chief directed to erect at said bulkhead a small platform in conformity with his report, at a cost of about \$200.

The following communications were received, read, and,

On motion, laid on the table to await action as stated respectively, to wit :

From Department of Public Charities and Correction, respecting repairs to pier at Twenty-sixth street, East river. Action of the Commissioners in directing the Engineer-in-Chief to examine and report cost of doing the work, confirmed.

From Pacific Mail Steamship Company—Application to have certain repairs on outer end of Pier new 34, North river, made by the Department, at the expense of said Company, Engineer-in-Chief directed to examine, and if the cost of such repairs will not exceed \$200 to proceed with the work.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Arkell & Company—Application and offer of certain terms for a lease of the proposed new pier at Twenty-sixth street, North river. Secretary directed to advise applicants that the offer will have due consideration, but that such action is not to be construed as binding the Board to grant them a lease upon the completion of the pier, if erected.

From Engineer-in-Chief—Report of work performed during week ending September 25 1880.

From Police Department—Transmitting blank forms of the contract for erecting a dumping board at Hoboken street, North river, awarded to James D. Leary, of 73 William street.

Mr. John Englis, Vice-President of the People's Line of Steamers, being present, stated that the Company would consent to dredge the slip between Piers old 41 and old 42, North river, by contract to be awarded by the Department, and to include the dredging of that portion of the slip belonging to the Corporation.

The representative of the owners of the easterly half of Pier 12, East river, appeared and stated that they would consent to repair that part of the pier, by contract to be awarded by the Department, and to include the repairs for the westerly half of the pier, owned by the Corporation.

On motion, the following appointments were made, to wit :

Francis E. Moon, a Temporary Clerk, with compensation at the rate of \$125 per month, to take effect from and after 25th instant, inclusive, and Robert McKinnin and Peter Maguire, a Watchmen.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.



At a meeting of the Board of Docks, held October 7, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 29th ultimo were read and approved.

The following communications were received, read, and, on motion, laid on the table to await action, as stated, to wit :

From Inland and Seaboard Coasting Company—In reference to claim preferred by Warren Roosevelt against said Company, for rebuilding the bulkhead adjoining Pier 41, East river, leased by them.

O. S. Lovell, President of said Company, requested to call at the next meeting of the Board in reference thereto.

From Captain Alexander Campbell—In reference to damage done to his scow by tug "Manhattan," near Pier new 40, North river. Engineer-in-Chief directed to examine and report the facts of the case.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Hudson River Yacht Club—For permission to remove their club house from its present site, foot of Seventieth street, North river, to foot of Seventy-fourth street, North river. Applicants informed that this Department is not empowered to set apart any of the water front of the city for such purposes.

From Harlem and New York Navigation Company—For permission to remove the small passenger shelter house, now upon pier at Ninth street, East river, to Pier 24, East river, to replace the one to be removed therefrom. Permission granted ; the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Engineer-in-Chief, as follows :

1. Reporting that he had suspended Thomas Finley, Night Watchman, for having been found asleep while on duty at his post. Action confirmed, and the said watchman discharged.
2. Report as to repairs required to Pier 38, East river.
3. Report as to work performed during week ending October 2, 1880.
4. Report of the material excavated and removed by Chandler H. Loomis, contractor, and the Union Dredging Company in department dredges and scows during the month of September, 1880.

Secretary directed to forward bills to the above-mentioned parties, respectively, for the amounts due for use of said dredges and scows, with the request that they pay said amounts to the Treasurer of this Department.

A report was received from the Engineer-in-Chief, submitting a draft of form for specifications and contract for building a rip-rap embankment and platform between Forty-ninth and Fifty-first streets, East river, and being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief for building a rip-rap embankment and platform between Forty-ninth and Fifty-first streets, East river, be and hereby is approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed, and proper advertisements inviting bids for doing said work inserted in the newspapers designated by law.

On motion, the Engineer-in-Chief was directed to repair the platform on the north side of pier at Sixty-first street, East river, in accordance with his report of August 17th last, at a cost of about \$600.

The Auditing Committee presented an audit of twenty-four bills or claims amounting to the sum of \$16,874.28, and, being read, was

On motion, accepted and adopted and the Secretary directed to forward the said bills together with proper requisitions for the amount to the Finance Department for payment.

On motion, the following appointments were made, to wit :

John D. Walsh, as a temporary inspector ; Patrick Horan, as a dockbuilder ; Thomas McCarty as a mason ; and Joseph Walsh, as a dockbuilder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held October 13, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 7th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table, to await action, as stated, to wit :

From Greenpoint Ferry Co.—Asking that a lease be granted to them of the bulkhead north of Twenty-third street, East river, in order to provide additional ferry accommodations. Applicants requested to submit for examination plans for the improvement of the additional wharf frontage proposed to be occupied.

From New York City and Northern Railroad Co.—In reference to driving piles and erecting platform in Harlem river, south of High Bridge. Secretary directed to notify said company that an application in due form must be made to the Board, accompanied with plans of the proposed improvement, and that the work now in progress, whether rebuilding or otherwise, must be stopped forthwith, until a permit therefor shall be issued by this Department.

From Department of Public Works—Stating that the bulkhead south of Pier 56, East river, was in need of repairs. Engineer-in-Chief directed to examine and report as to repairs required in the premises, and Secretary directed, on receipt of said report, to notify the owners to put the said bulkhead in safe and proper condition.

From William Farrell—Asking that permission be granted him to erect a coal derrick on bulkhead north side of Pier new 38, North river. Williams & Guion, lessees of Pier new 38, North river, requested to inform this Board if any objection exists to granting the said application.

From Engineer-in-Chief In reference to rebuilding and extending pier at One Hundred and Twenty-third street, Harlem river. Benjamin Richardson and others, who applied for the rebuilding of said premises, requested to call upon the Commissioners in reference to same.

The following communications were received, read, and,

On motion, placed on file, action being taken, as stated, to wit :

From White Star Line--To have the roadway or approach to Pier new 45, North river, repaired. Engineer-in-Chief directed to place said roadway in serviceable condition without delay.

From Police Department—To have piles driven at Twenty-first street, North river, in order to extend the present dumping board about twenty feet further from the bulkhead to accommodate the new scows of that Department. Engineer-in-Chief directed to do the work in conformity with their request.

From Health Department—As to the foul condition of the slip at Pier 29, East river. Engineer-in-Chief directed to examine and report as to the extent of dredging required thereat, and the Secretary directed, on receipt of said report, to notify the owners of said pier to dredge in conformity therewith.

From J. M. Goetins and others, occupants of Pier old 42, North river—For a passageway on north side of said pier, a roadway as an approach thereto. Engineer-in-Chief directed to construct an overhanging gore platform at the northerly side of Pier old 42, North river, to be six feet wide at the bulkhead, and to gradually lessen in width to a point about eighty feet westerly thereof, in conformity with Secretary's Order, No. 1705, provided that the Pacific Mail Steamship Co., lessees of Pier new 34, North river, do not object to the construction of said platform, and also to construct a plank roadway, ten to twelve feet in width, from said platform, at a cost of about \$400.

From New Jersey Steamboat Co. —Agreement in reference to dredging slip between Piers old 41 and old 42, North river, by contract jointly with this Department.

From A. Raymond—In reference to sunken wreck at Ninety-first street, East river. Applicant notified to remove the said sunken wreck from the southerly side of Ninety-second street forthwith, and that until said wreck is removed by him, he will be held liable for any claim for damage or injury of any kind arising therefrom.

From H. Dubois & Sons—For permission to drive piles and repair the easterly side of Pier 54, East river. Application granted, the work to be done under the supervision of the Engineer-in-Chief.

From Engineer-in-Chief, as follows :

1st. As to work performed during week ending October 9, 1880.

2d. As to repairs needed to pier at Twenty-sixth street, East river. Engineer-in-Chief to repair in accordance with his report, at a cost of about \$100.

3d. As to damage done to Pier, new 43, North river, by steamer "Labrador." Engineer-in-Chief to repair in accordance with his report, at a cost of about \$100.

4th. In reference to making tight the sewer under Pier, old 42, North river. Engineer-in-Chief to do the work in accordance with his report, at a cost of about \$200.

An application was received from the Inman Steamship Line for use of part of bulkhead between Piers, new 37 and new 38, North river, in order to place temporarily the shed now between Piers, new 36 and 37 ; and, being read,

On motion, it was

Resolved, That permission be and hereby is granted to John G. Dale, Agent, Inman Steamship Company (Limited), to remove the shed on bulkhead between Piers, new 36 and new 37, North river, to the bulkhead between Piers, new 37 and new 38, North river, to remain until the completion and occupancy of said Pier, new 36, North river, provided that the shed shall be located by, and the work done under the supervision of, the Engineer-in-Chief of this Department, and that the right of ownership of the said shed shall not be prejudiced consequent upon such removal.

A report was received from the Engineer-in-Chief submitting form of specifications and contract for proposals for dredging, in conjunction with the New Jersey Steamboat Company, the slip north of Pier, old 41, North river ; and, being read,

On motion, it was

Resolved, That the form of specifications and contract, as prepared by the Engineer-in-Chief, for dredging the slip north of Pier, old 41, North river (one-half of the expense to be borne by the city, and the other half by the New Jersey Steamboat Company), be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and he is hereby directed to have a sufficient number of blank forms of proposals printed, and proper advertisements inviting bids for doing said work inserted in the newspapers designated by law.

On motion, John Cochrane was appointed a watchman, and James Fitzgerald as a laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held October 13, 1880.

Present—Commissioners Dimock and Vanderpoel, and Henry J. Storrs, representing the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Five proposals were received for removing all (except about 140 feet in length of its outer end) of the pier at the foot of Leroy street, North river, and the shed thereon ; and preparing for and

building a new wooden pier on the site thereof, to be known as Pier new 41, North river, as follows, to wit :

|                                   |          |
|-----------------------------------|----------|
| 1. From T. & A. Walsh, for.....   | \$43,900 |
| 2. From I. Eugene White, for..... | 37,538   |
| 3. From Holmes Brothers, for..... | 45,760   |
| 4. From John Gillies, for.....    | 38,679   |
| 5. From Ross & Sanford, for.....  | 44,275   |

—and, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held October 20, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit :

From N. Y. City and Northern R. R. Co.—In reference to platform, etc., proposed to be built on Harlem river, south of High bridge.

From Department of Public Charities and Correction—To have repairs made to the dock at storehouse, Blackwell's Island. Secretary directed to request the President of said Department to call upon the Treasurer of this Department in reference to the aforesaid application.

From Engineer-in-Chief—As to claim for damages done to canal boat "Mechanic" by tug "Manhattan." Secretary directed to request Captain Campbell, owner of said boat, to call upon the Treasurer of this Department in reference to his claim.

From Bowring & Archibald—For a lease of one of the new piers to be built by this Department, between Twenty-third and Thirtieth streets, North river. Applicants informed that as soon as any of said piers shall be ready to lease their application will receive due consideration.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Board of Commissioners of Pilots—In reference to repairs needed to the bulkhead at Thirtieth street, East river. Engineer-in-Chief directed to examine and report as to repairs necessary to the premises, and the Secretary directed, upon receipt of said report, to notify the lessee to repair the same in accordance with said report.

From John Russell—For a lease of bulkhead at Fifty-first street, East river. Applicant informed that this Department cannot grant a lease of the premises in question except the same be chased at public sale.

From Williams & Guion—Protesting against the erection of a derrick on the bulkhead, north of Pier new 38, North river. Application of William Farrell to erect a derrick thereat was taken from the table and placed on file, and the applicant informed that in consequence of the above protest from the lessees of Pier new 38, North river, this Department cannot grant him a permit.

From Police Department—To have piers designated from which to dump into the river ice and snow during the coming winter. Secretary directed to have a list prepared of piers suitable for such purpose, and forward the same to said Department.

From Warren Rosevelt —For permission to drive about twenty piles at, and repair the surface of Pier 41, East river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Finance Department—Stating that I. Eugene White, contractor, is not in default or indebtedness to the Corporation.

From Police Department—Asking that Pier 22, North river, or other pier in that vicinity, be set aside for the use of a dumping-board. Secretary directed to state, in reply, that the lower half of Pier 22, North river, is Corporation property, but it is leased, and that the other half of said pier is private property, consequently this Department cannot set aside said pier for the use of the Bureau of Street Cleaning for dumping purposes, nor has this Department any other wharf property in the neighborhood which could be set apart for such use, and further, that as stated in communication from this Department under date of March 12, 1880, in the opinion of this Board it has no power, in view of provisions of section 3 of chapter 249, Laws of 1875, to assign any wharf property at its disposal on the East river below Market street, for the purposes of a dumping board.

From Engineer-in-Chief, as follows :

1st. Report as to work performed during week ending October 16, 1880.

2d. As to expense incurred by the use of the 100-ton derrick, in turning over scow for Police Department, amounting to \$15.69. Secretary directed to forward bill to said Department for payment.

3d. As to expense incurred for use of tug "Manhattan" and 100-ton derrick in landing the Egyptian obelisk, amounting to \$124.64. Secretary directed to forward bill to Lieutenant Commander H. H. Gorringe for payment.

From Department of Public Works—To have fenders and floats removed from the free floating barge. Engineer-in-Chief directed to have the same removed.

A communication was received from the Engineer-in-Chief in reference to the delivery of cement under contract with Stephen L. Merchant, agent, and, being read,

On motion, the following resolution was adopted :

Resolved, That this Board hereby certify to the Comptroller that the failure of Stephen L. Merchant, agent, to deliver the material specified in estimate No. 3, within the time stipulated therefor,

under his contract for furnishing 5,000 bbls. Portland cement, dated June 14, 1880, has not caused the corporation to sustain any loss or damage whatsoever, the work of the Department having been delayed from other unexpected causes to such an extent as to prevent, during the present year, the construction of that part of the bulkhead wall for which the cement was ordered.

The Auditing Committee presented an audit of 18 bills or claims, amounting to the sum of \$14,792.51, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the bids received on 13th instant for removing part of pier at the foot of Leroy street, North river, and building Pier new 41, North river, on the site thereof, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for removing all (except about 140 feet in length of its outer end) of the pier at the foot of Leroy street, North river and the shed thereon ; and preparing for building a new wooden pier on the site thereof, to be known as Pier new 41, North river, be and is hereby awarded to I. Eugene White, of 279 Quincy street, Brooklyn, his bid being the lowest under proposals publicly opened the 13th instant, and the Comptroller having advised in writing the 15th instant, that said party is not in default or arrears to the Corporation.

On motion, the following resolution was adopted :

Resolved, That C. T. Van Santvoord, individually and as agent, be and hereby is notified to vacate the piers at Twenty-fourth, Twenty-fifth, and Twenty-sixth streets, North river, without delay in conformity with the covenants contained in the leases therefor, expiring May 1, 1881, this Department having concluded to forthwith extend the said premises westerly to the exterior pier and bulkhead lines adopted for the permanent improvement of that district of the water front.

On motion, John Duke was appointed as a dock-builder, and August Weide and Perry Goodale as laborers.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held October 27, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the special meeting of 13th, inst., and of the regular meeting of 20th instant were read and approved.

The following communications were received, read, and, on motion, laid on the table to await action, as stated, to wit :

From Comptroller—Inclosing copy of resolution adopted by Common Council, establishing ferry across Harlem river, at One Hundred and Twenty-ninth street, and asking that he be furnished with a diagram, etc. Engineer-in-Chief directed to prepare a diagram of the premises in question.

From Funch, Edye & Co.—In reference to leasing pier, to be built by this Department, at Forty-fourth street, North river.

From Finn & Lawson—For permission to erect platform and dumping board at Seventh avenue Harlem river. Engineer-in-Chief directed to examine and report the condition of the premises.

The following communications were received, read, and, on motion, placed on file, action being taken where necessary, as stated, to wit :

From I. Eugene White—Accepting award of contract for building Pier new 41, North river, and proposals publicly opened the 13th instant.

From Comptroller—Approving of sureties to proposal of I. Eugene White, for building Pier 41, North river.

From Citizens' Steamboat Company of Troy—In reference to subletting Pier new 41, North river. Secretary directed to state, in reply, that a lease of the pier had been granted to the Cunard Steamship Company (Limited), by resolution of this Board adopted September 15th last, and that said company should decide not to occupy the premises so leased, they will, without doubt, inform this Department of such fact.

From S. A. Jenks & Co.—For permission to repair Pier 13, East river. Permission granted to repair the pier within the lines of the present structure and in accordance with plans to be first submitted to and approved by the Engineer-in-Chief, and all the work to be done under the supervision of that officer.

From Peter Cooper's glue factory—For permission to erect a shed on the bulkhead south of Twenty-second street, East river, for the protection of freight received and discharged thereat. Secretary directed to advise, in reply, that this Department has no power to grant permission for the erection of any sheds on the water front, except as provided for under chapter 249, Laws of 1875, that if, in accordance with the provisions of said law, they are the owner or lessee of the wharf property in question, and are engaged in the business of steam transportation, then and in such case this Department can grant a permit for the erection of shed in question, otherwise it cannot, and to advise this Department if said application comes within the above requirements.

From Engineer-in-Chief, as follows :

1. Report as to work performed during week ending October 23, 1880.
2. In reference to painting shed on Pier new 43, North river. Engineer-in-Chief directed to make requisition for the necessary material and labor to paint said shed at a cost of about \$465.

From Lieut. Commander H. H. Gorringe, U. S. N., inclosing amount due for expense incurred in use of large derrick, etc.

On motion, the following resolution was unanimously adopted :

Resolved, That the Engineer-in-Chief be and hereby is directed to proceed with the dredging necessary to be done on the sites of the bulkhead or river wall and the piers proposed to be constructed between Twenty-third and Thirtieth streets, North river, in accordance with the plans submitted or to be adopted for the improvement of that part of the water front ; and that the same be performed otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and be done by day's work ; and that all the machinery, material, and labor necessary



for the work, not heretofore contracted for, or which may not hereafter be contracted for, by the Treasurer otherwise than by contract.

On motion, the Engineer-in-Chief was directed to examine and report the condition of the piers 44, 46 and 61, East river, and at Forty-sixth street, North river, the same being reported by the Superintendent of Docks as in need of repairs.

On motion, the lessees of Pier 6, East river, were notified and directed to repair the same thereof, it being reported by the Superintendent of Docks as being in an unsafe condition.

A communication was received from the Engineer-in-Chief as to change in lines of piers 53, 54, 55, 56, and 57, North river, and, being read,

On motion, the following preamble and resolution were adopted :

Whereas, This Board deem it advisable to make and have decided upon an alteration in the width and location of the proposed new Piers 53, 54, 55, 56, and 57, North river, the lines therefor, as laid down upon the plans adopted by the Department April 27, 1871, therefore

Resolved, That the Commissioners of the Sinking Fund be and hereby are respectfully requested, in pursuance of the provisions of chapter 738, Laws of 1872, to consent to and approve the location of the said proposed new Piers 53, 54, 55, 56, and 57, North river, being so changed from the lines therefor, as laid down on the plans proposed by this Department April 27, 1871, as to establishing lines, to wit : the northerly line of said Pier, new 53, 70 feet north of the northerly line as now established, and to make the width thereof 50 feet, instead of 40 feet ; the southerly line of said Pier, new 54, 185 feet north of the northerly line of said Pier, new 53, hereby proposed to make the width of said Pier, new 54, 80 feet, instead of 100 feet ; the southerly line of said Pier, new 55 (width of 80 feet being unchanged), 200 feet north of the northerly line hereby proposed for said Pier, new 54 ; the southerly line of said Pier, new 56, 200 feet north of the northerly line hereby proposed for said Pier, new 55, and to make the width of said Pier, new 56, 80 feet, instead of 100 feet, and the southerly line of Pier, new 57, 200 feet north of the northerly line hereby proposed for said Pier, new 56, and to make the width of said Pier, new 57, 80 feet, instead of 60 feet ; of the said five new piers to be 512 feet each, as now established.

On motion, Michael Sullivan was appointed a Watchman.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary

At a meeting of the Board of Docks, held November 3, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The reading of the minutes of the meeting held 27th, ultimo, was,

On motion, dispensed with.

The following communications were received, read, and

On motion, laid on the table to await action as stated, to wit :

From Old Dominion Steamship Co.—To have oak fenders placed on the sides of Pier new 26, North river, leased by said company. Engineer-in-Chief directed to examine and report as to cost of doing the work.

From Vandervoort & Tucker—For permission to erect a small pier in the vicinity of One hundred and Sixteenth street, Harlem river. Applicants requested to be present at the next meeting of the Board in reference to their application.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Engineer-in-Chief, as follows :

- 1st. Report as to work performed during the week ending October 30, 1880.
2. Recommending that certain old material belonging to the Department be disposed of at public sale. Secretary directed to arrange for the sale of said old material at public auction, and to see proper notices of the same to be inserted in the several newspapers designated by law.
3. As to dirt, etc., incumbering pier at Fifty-seventh street, North river. Frederick Ecker, lessee of the premises, directed to cause the removal of said dirt without delay.
- 4th. Stating that the pier at Thirty-second street, East river, built by Ross & Sanford, contractors, is now completed and ready for use. Secretary directed to notify the Captain of the Port that vessels can now be berthed at said pier, and the Treasurer requested to notify the Superintendent of Docks for the district to collect all wharfage accruing thereat.
- 5th. Reporting that he had suspended Jeremiah Hogan, night watchman, for being found asleep while on duty at his post. Action confirmed and the said watchman discharged.

A communication was received from the Comptroller remitting penalty imposed by this Department on Stephen L. Merchant, agent, contractor for furnishing Portland cement, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, By virtue of the power vested in the Finance Department by section 31 of chapter 5, Laws of 1873, the Comptroller has decided to remit the penalty imposed by this Department against Stephen L. Merchant, agent, for non-delivery of cement within the times agreed upon under his contract for furnishing said material, dated June 14, 1880, and deducted in the sums of

\$350, from Audited claim No. 6503, on September 22, 1880, and \$900 from Audited claim No. 6562, on October 20, 1880; therefore,

Resolved, That a requisition be and hereby is directed to be drawn upon the Comptroller, for the sum of \$1,250—being the amount now due said Stephen L. Merchant, agent, under said audited claims, consequent upon the said penalty being remitted, and that the Bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit estimates Nos. 2 and 3 under said contract as settled and paid in full in the sum of \$6,153.84.

On motion, the following resolution was adopted :

Resolved, That the resolution adopted by this Board on July 30, 1880, wherein the Engineer-in-Chief was directed to proceed with the construction of the Laight street section on the bulkhead wall for the North river water front, be and hereby is altered and amended so as to read, about 500 feet, instead of 250 feet, as erroneously stated therein; the distance between the two points named in said resolution for the construction of said wall being 500 feet.

The Auditing Committee presented an audit of 26 bills or claims, amounting to the sum of \$28,434.75, and, being read, was

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the following appointments were made, to wit, Isaac Willetts a Watchman, John Manly a Dockbuilder, and Jeremiah Hogan a Laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held November 5, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Health Department, relative to the bulkhead wall to be erected from foot of Twenty-third street to north of foot of Twenty-seventh street, North river, stating that the plan of a rubble wall on top of a rip-rap embankment with a platform on piles in front thereof is very objectionable from a sanitary point of view, and would inevitably produce a deposit of mud between high and low water underneath the planking, in a position where it will be entirely inaccessible for removal; and that such a deposit of mud, which accumulates along the water front, being exposed at low tide, constantly undergoing putrefaction, would in the future be sure to cause sickness; and the Engineer-in-Chief reporting orally that he had submitted to said Department a diagram showing the manner of constructing such a rip-rap embankment and rubble wall and platform, in all respects very similar to that for which estimates were advertised, to be opened by the Department

on January 21, 1879, proposed to be erected at Fifty-seventh street, North river; and also a diagram of the manner of constructing beton blocks and granite wall erected at Chambers street North river, and Commissioner Dimock stating that the Health Commissioners had upon several occasions expressed their commendation of the Chambers street section of the bulkhead wall from a sanitary point of view,

On motion, it was unanimously

Resolved, That the Engineer-in-Chief be and hereby is directed to proceed with the construction of the bulkhead or river wall from the northerly line of Twenty-third street, North river extended to a point distant about 150 feet northerly of the northerly line of Twenty-seventh street North river, extended upon the same general plan adopted for the Chambers street section thereof and that all the work embraced in building the said length of bulkhead or river wall hereby ordered to be performed otherwise than by contract, as required by subdivision, 5, of section 6, of chapter 574, Laws of 1871, and that it be done by the force of the Department, by days' work, except so much of the labor as is now or may hereafter be contracted for, and that all the materials, machinery, tools, etc., necessary therefor, not heretofore contracted for or which may not hereafter be contracted for, be purchased by the Treasurer otherwise than by contract.

On motion, the Engineer-in-Chief was directed to prepare plans and specifications for building by contract, Piers, new 53, 54, 55, 56, and 57, North river.

On motion, the Engineer-in-Chief was directed to prepare specifications and form of contract to furnish granite stones, for bulkhead or river wall at Twenty-third street section, North river.

An application was received from N. Y. City and Northern Railroad Company, for permission to erect a shed on bulkhead between Forty-second and Forty-third streets, East river, leased by them, and being read, was

On motion, laid on the table, and the Engineer-in-Chief directed to examine and report on the condition of the premises.

A report was received from the Engineer-in-Chief accompanied by a tracing of the premises at One Hundred and Twenty-ninth street and Harlem river, at which point it is proposed to establish a Ferry to the opposite shore of the river, and being read,

On motion, the Secretary was directed to acknowledge receipt of communication from the Comptroller, dated 22d ult., relating to the new ordinance of the Common Council, establishing a Ferry on the Harlem river from a point on the southerly shore near Second avenue to the opposite shore near the existing Depot of the New Haven and Harlem Railway Co., wherein this Department is requested to furnish a diagram of the premises and to advise whether the proposed Ferry will interfere in any way with the plans of this Department, and to state, in reply, that the Commissioners have not been able to obtain sufficient information as to what property is proposed to be taken for the landings of the Ferry, to admit of any decision being had as to whether the plans of the Department will be interfered with, and requesting him to inform this Board of the location desired for the landings of the proposed Ferry, on either shore of the Harlem river, and of the plan of construction proposed for the landings.

On motion, the following resolution was adopted:

Resolved, That the compensation to be paid the employees named herein from and after November 1, 1880, shall be as follows :

Thomas J. Long, Assistant Engineer, at the rate of \$1,800 per annum.

John H. Staats, Assistant Engineer, at the rate of \$1,500 per annum.

Chas. W. Raymond, Assistant Surveyor, at the rate of \$1,500 per annum.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held November 8, 1880.

Present Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The Engineer-in-Chief submitting a draft of form for specifications and contract for building Pier, new 54, North river, and, being read,

On motion, it was

Resolved, That the form of specifications and contract as prepared by the Engineer-in-Chief for building Pier, new 54, North river, at the foot of West Twenty-fourth street, be and hereby is approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed, and proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary:

At a special meeting of the Board of Docks held November 10, 1880.

Present—Commissioners Dimock and Vanderpoel, and Henry J. Storrs, representing the Comptroller of the City of New York.

On motion, Commissioner Dimock took the chair.

Three proposals were received for removing all the old platform and building a rip-rap embankment with rubble wall on top thereof, and wooden platform in front of the same, and a rubble boundary wall from Forty-ninth street to Fifty-first street, East river, as follows, to wit :

|                           | Class 1.<br>Dredging.<br>470 Cubic Yards.<br>Per Cubic Yd. | Class 2.<br>Rip-rap.<br>1,227 Cubic Yds.<br>Per. Cu. Yd. | Class 3.<br>Rubble Wall.<br>664 Cubic Yds. | Class 4.<br>Platform. | Class 5.<br>Boundary Wall<br>150 Cubic Yds<br>Per Cu. Yd. |
|---------------------------|--|--|--|-----------------------|---|
| 1. From Joseph Walsh..... | \$1 50   | \$0 75   | \$5 50                                     | \$8,746 00            | \$7 00  |
| 2. From John Kinsley..... | 50   | 55   | 3 50                                       | 7,300 00              | 4 90  |
| 3. From Swift & VanAken.  | 1 50   | 80   | 4 35                                       | 7,208 00              | 4 35  |

—and, being read,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held November 10, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held October 27th ultimo, and November 3d and 5th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From W. L. Cutting, executor—For permission to erect a dock in front of premises owned to him, between Thirty-ninth and Fortieth streets, East river. Applicant requested to furnish diagram of the proposed work.

From Greenpoint Ferry Company—Enclosing plans for proposed ferry slip between Twenty-third and Twenty-fourth streets, East river. Secretary directed to address a communication to the Department of Public Works, requesting that this Board be advised as to whether the proposed ferry slip will in any way interfere with their occupation of the adjoining pier at Twenty-fourth street.

From Engineer-in-Chief—In reference to having oak fender piles driven at sides of Pier new 26, North river.

From Department of Public Charities and Correction—To have Charity Hospital landing at Blackwell's Island repaired. Engineer-in-Chief directed to examine and report as to the repairs required and cost of doing the work.

From N. Y. City and Northern Railroad Company—For permission to drive piles and do dredging at their property on Harlem river, south of High Bridge. Applicants requested to call upon the Commissioners in reference to their application.

From Finance Department—In reference to the location of the ferry landings to be established at One Hundred and Twenty-ninth street, Harlem river. Engineer-in-Chief directed to examine and report the cost of erecting a small platform thereat, at which small ferry-boats can land, etc.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Compagnie Générale Transatlantique, lessee of Pier new 42, North river—To have the approach to Pier new 42, North river, repaired and widened. Engineer-in-Chief directed to repair the existing approach, and widen the same so that it shall be 50 feet in width.

From Cavanagh & Collins—For permission to replace their present derrick at Sixty-first street, East river, with one of larger dimensions. Application granted, said derrick to be removed whenever so ordered by this Department.

From C. S. Cole, Captain of the Port—To have the repairs ordered to be made by the owners of Pier 13, East river, deferred until December 1st next, when the piers, from 2 to 8, East river, known as the Canal District, shall be available for the use of foreign vessels, etc. Secretary directed to state in reply that the plans for the rebuilding of said pier have been submitted to this Department for approval, and that it is not probable that the work of repairing will commence before the date mentioned in his communication.

From Engineer-in-Chief as follows :

1st. Report as to work performed during week ending November 6, 1880,

2. Report of the material excavated and removed by Chandler H. Loomis, contractor, and the Union Dredging Company, in Department dredges and scows during the month of October, 1880. Secretary directed to forward bills to the above-mentioned parties respectively for the amounts due for use of said dredges and scows, with the request that they pay said amounts to the Treasurer of this Department.

3d. As to condition of water-front at Seventh avenue and Harlem river. Application of Finn & Lawson for permission to erect a dumping-board at said premises was taken from the table and denied.

4th. As to repairs required to Pier 46, East river. Joseph V. Brown, lessee of said pier, directed to make the repairs thereto in conformity with the report of the Engineer-in-Chief.

An application was received from the Central Railroad Co. of New Jersey, asking that consent be given to the transfer of their lease for part of Pier, new 40, North river, to the Cunard Steamship Co. (Limited), and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, This Board, under a resolution adopted on April 26, 1876, agreed to grant to the Central Railroad Co. of New Jersey a lease of the northerly side of a pier to be built wholly or in part at the site of a pier then known as Pier 48, North river, for a period of ten years from the completion thereof, at an annual rent of \$7,500, for the purpose of erecting thereat a ferry rack, but with no right to the use of any portion of the surface of said proposed pier ; and

Whereas, Since that date the said proposed pier has been erected, and is now known as Pier new 40, North river, and has been occupied since the date of its completion, say May 1, 1879, by the said Company ; and

Whereas, The Receiver of the said Company has this day advised this Board, in writing, that the Court has authorized the assignment of the interest of said Company in the above referred to lease to the Cunard Steamship Co. (Limited) ; and

Whereas, The said Receiver has also this day asked in writing for the consent of this Board to such an assignment, and to allow the name of said Steamship Co. to be substituted for that of the Railroad Co. in any lease made pursuant to the aforementioned resolution of April 26, 1876, therefore

Resolved, That the Board governing the Department of Docks assents to such substitution, and hereby agrees to grant a lease of the premises referred to above and now known as the northerly side of Pier, new 40, North river, but with no right to the use of any portion of the surface of said pier, for a term of eight years and six months from November 1, 1880, to the Cunard Steamship Co. (Limited), at an annual rent of \$7,500, payable quarterly in advance, and to contain a covenant for a renewal term of ten years at an annual rent of \$7,625, provided that the said Steamship Co. shall within ten days from the receipt hereof, file in this office its acceptance in writing of the terms thereof, and agree to execute a lease containing the usual covenants and conditions, and in conformity with the terms herein set forth, when notified so to do by this Board.

On motion, the following resolution was adopted :

Resolved, That the Commissioners of the Sinking Fund, pursuant to the authority vested in them by subdivision 11 of section 6, chapter 574, Laws of 1871, be and are hereby respectfully requested to direct the Comptroller of the City of New York to prepare and issue Docks Bonds of the City of New York, for the amount of (\$250,000) two hundred and fifty thousand dollars, for the uses and purposes of the Department of Docks.

The Engineer-in-Chief submitting a draft of form for specifications and contract for building pier, new 55, North river, and, being read,

On motion, it was

Resolved, That the form of specifications and contract as prepared by the Engineer-in-Chief for building Pier, new 55, North river, at the foot of West Twenty-fifth street, be and hereby is approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and



that the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed, and proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

On motion, the Engineer-in-Chief was directed to repair the pier at Third street, East river, at a cost not exceeding \$100, also to repair the pier at Twenty-eighth street, East river, at a cost not exceeding \$100.

On motion, the following appointments were made, to wit :

John Murphy as a Watchman, Frederick P. Thompson as a Rodman, Michael McLaughlin as a Laborer, and John Love Jr., and William Brown as Dockbuilders.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held November 17, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The reading of the minutes of the meetings held the 8th and 10th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From F. F. Schultheis—For permission to erect a small stone block to support the fence between Sixty-ninth and Seventieth streets, East river. Applicant requested to submit a diagram of the proposed work.

From Glen Cove Starch Manufacturing Co.—For permission to build a platform in front of bulkhead, between Piers 49 and 50, East river. Applicants requested to call upon the Commissioners in reference to their application.

From Finn and Lawson—For permission to erect a small platform at Seventh avenue and Harlem river, for the purpose of shipping building stone. Applicants requested to furnish a plan of the proposed structure.

From Engineer-in-Chief—In reference to the proposed ferry-landing at One Hundred and Twenty-ninth street, Harlem river. Secretary directed to address a communication to the Comptroller acknowledging receipt of his communication of the 9th inst., wherein he desired to be informed about the plan of construction of the proposed ferry-landing at One Hundred and Twenty-ninth street and Second avenue, and stating that, as this Department is informed, it is not the intention of the proprietors of the proposed ferry to erect any structures on either side of the Harlem river

for their purposes, and consequently the plans of this Department will not be interfered with, and that the only objection which exists to the free use of the bulkhead at Second avenue and One Hundred and Twenty-ninth street, is the Croton water-pipe which crosses the river at that point, and which is only about 3 feet below mean low water, and that it will undoubtedly become necessary to provide some suitable protection for the water-pipe, and the ferry proprietors might be required to construct a platform to protect the same from injury, and that whenever any plan is prepared for such purpose, and submitted to this Department for approval, action will be taken thereon, and further, that this Department is informed that the proposed landing on the East side of Harlem river is upon private property, consequently the only rental for wharf property to be paid to the city for the use of the bulkhead at Second avenue and One Hundred and Twenty-ninth street.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary as stated, to wit :

From Health Department—To have two spring piles driven at the bulkhead at Sixteenth street East river, used by the Reception Hospital. Engineer-in-Chief directed to do the work in accordance with said request.

From Henry Fischer—For permission to erect two coal derricks at Sixty-second street, East river. Applicant informed that this Department has no objection to his placing and retaining temporary derrick at the foot of Sixty-second street, East river, for the purpose of unloading coal but this Department reserves the right to cause its removal at any time it may so elect.

From Reynolds & Sterns—In reference to dirt encumbering the bulkhead at Fourteenth street East river. Superintendent Butler directed to notify the Manhattan Gas Light Co., lessee of the premises, to forthwith remove the obstruction complained of.

From Thomas Stevenson—In reference to brick and sand, etc., incumbering the bulkheads at Sixtieth and Sixty-first streets, East river. Superintendent Butler directed to give written notice to the owners of the above-mentioned incumbrances to remove the same, and report action thereon to the Board at its next meeting.

From Comptroller—Stating that John Kinsley is not in default or arrears to the Corporation.

From Peter Cooper's Glue Factory—In reference to his application for permission to erect a shed upon the bulkhead, between Forty-first and Forty-second streets, East river, and as to the extent of jurisdiction of this Department over the bulkheads of the water-front of the city. Applicant informed that there is some uncertainty as to what constitutes the limits of the bulkhead upon the water-front of this city, and to what point from the outer edge thereof this Department has jurisdiction, but, in the opinion of this Board, if the shed proposed to be erected by him between Forty-first and Forty-second streets, East river, referred to in his communication, is built about 10 feet from the edge of the bulkhead, this Department does not believe that the shed will come within its jurisdiction.

From Frank Phelan—For permission to place a coal hopper and screen upon Pier 54, East river. Applicant informed that this Department has no authority to grant permits for the purposes referred to.

From Engineer-in-Chief, as follows :

1st. Report as to work performed during week ending November 13, 1880.

2d. Report of repairs made to Pier, new 1, North river, during the year 1880.

3d. In reference to repairs made to Pier, new 43, North river, in consequence of damage done thereto by Steamship "Labrador." Secretary directed to forward bill to Louis de Bebian, agent for Compagnie Générale Transatlantique, owners of said steamship, in the amount of \$76.40 for payment, being cost of making said repairs.

4th. As to repairs required to the Charity Hospital Dock, Blackwell's Island. Communication from Department of Public Charities and Correction in reference thereto, was taken from the table and placed on file, and the Engineer-in-Chief directed to make the repairs in accordance with his report at a cost of about \$125.

Reports were received from the Engineer-in-Chief in reference to repairs required to Piers 61, East river, and at Forty-sixth street, North river, and, being read,

On motion the following resolutions were adopted, to wit :

Resolved, That Isaac Fowler, lessee of Pier 61, East river, be and is hereby directed to replace five bearing-piles underneath said pier, which are gone, and to place backing log and close fenders in the end thereof, also to repair the several holes now existing in the deck of said pier, the Engineer-in-Chief having reported such repairs to be necessary, and that in case said lessee shall neglect, or refuse to make such repairs within ten days from receipt of this notice, then, this Department will proceed to make the same at his cost and expense, in accordance with the provisions of his lease.

Resolved, That John H. Benner, lessee of pier at Forty-sixth street, North river, be and is hereby directed to repair the holes now existing in the inshore end of said pier, the Engineer-in-Chief having reported such repairs to be necessary, and that in case said lessee shall neglect or refuse to make such repairs within ten days from receipt of this notice, then this Department will proceed to make the same at his cost and expense, in accordance with the provisions of his lease.

A report was received from the Engineer-in-Chief as to the shed proposed to be erected upon the bulkhead between Forty-second and Forty-third streets, East river, and, being read,

On motion, the application of the New York City and Northern Railroad Company, for permission to erect a shed upon said premises was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the New York City and Northern R. R. Co., lessee, to erect and maintain during the pleasure of this Board, upon the bulkhead between Forty-second and Forty-third streets, East river, a shed about 100 feet long, 20 feet deep and 20 feet high, for the protection of property received and discharged thereat by steam transportation, the said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875, and in accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, and all the work to be done under the supervision of that officer.

On motion, the application of W. L. Cutting, executor, for permission to build bulkhead between Thirty-ninth and Fortieth streets, East river, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to W. L. Cutting, executor, owner of property between Thirty-ninth and Fortieth streets, East river, to erect in front thereof a suitable bulkhead, extending from the central line of Thirty-ninth street to the northerly line of Fortieth street, on the established bulkhead line, and to construct proper return bulkheads and to fill in the same with solid filling ; the work to be done in accordance with plans to be approved by the Engineer-in-Chief of this Department, and under the supervision of that officer.

A report was received from the Engineer-in-Chief, as to cost of placing fender piles on Pier, new 26, North River, and, being read,

On motion, the application of the Old Dominion Steamship Co., lessee, to have fender piles placed at said pier, was taken from the table and placed on file, and the Engineer-in-Chief directed to make requisition for the necessary material and labor to place forty-two fender piles on said pier (twenty-one on each side), in the same manner with, and equal to those already placed on said pier, at \$29.75 per pile.

A communication was received from the Engineer-in-Chief, stating that in prosecuting the work of building the bulkhead wall at Twenty-third street section under the new plan, two pile drivers, larger and more powerful than any that the Department now owns, will be required, and, being read,

On motion, the following resolution was unanimously adopted :

Resolved, That the Engineer-in-Chief be and hereby is directed to prepare plans and specifications for two pile-drivers, scows and ways, each capable of driving both vertical and bracing piles, to be used in constructing the bulkhead or river wall under the plan adopted for the improvement of the water front, he having informed this Board that the same are required for the work about to commence on the West Twenty-third street section, and that the said pile-drivers, scows and ways, with the necessary engines, boilers, hammers and other outfit, be purchased otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574 Laws of 1871, and that the same be purchased by the Treasurer.

The Auditing Committee presented an audit of thirteen bills or claims, amounting to the sum of \$32,388.93, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the bids received and publicly opened on 10th instant, for building a rip-rap embankment and platform from Forty-ninth street to Fifty-first street, East river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for removing all the old platform, and building a rip-rap embankment with rubble wall on top thereof, and wooden platform in front of the same, and a rubble boundary wall, from Forty-ninth street to Fifty-first street, East river, be and is hereby awarded

to John Kinsley, of 212 East Twenty-seventh street, his bid for doing said work being the lowest under proposals publicly opened the 10th instant, and the Comptroller having advised in writing, the 12th instant, that said party is not in default or arrears to the Corporation.

On motion, James W. Dikeman, Jr., was appointed a Chainman, and Thomas Listrange a Dockbuilder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held November 19, 1880.

Present—Commissioner Dimock and Henry J. Storrs, representing the Comptroller of the city.

Absent—Commissioner Vanderpoel.

Commissioner Dimock announced that four bids were received for removing part of pier at Twenty-fourth street, N. R., and building pier, new 54, N. R., as follows :

No. 1. From John Gillies.

No. 2. From George F. Swift & Dederick Van Aken.

No. 3. From Joseph Walsh.

No. 4. From Ross & Sanford.

But there being no quorum of the Board present, the opening of the said bids was postponed until Monday next, the 22d inst., at 12 o'clock M.

WM. M. WHITNEY, Secretary pro tem.

At a special meeting of the Board of Docks, held November 22, 1880.

Present—Commissioners Dimock and Vanderpoel, and Henry J. Storrs, representing the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

The four bids or estimates received on the 19th instant for removing about 220 feet in length of the outer end of the old pier at the foot of West Twenty-fourth street, N. R., and preparing for and building a new wooden pier near the foot of West Twenty-fourth street, N. R., to be known as pier, new 54, N. R., were opened as follows, to wit :

No. 1. From John Gillies, for \$50,549 ;

No. 2. From George F. Swift & Dederick Van Aken, for \$53,700 ;

No. 3. From Joseph Walsh, for \$56,000 ;

No. 4. From Ross & Sanford, for \$55,000 ;

And, being read, were,

On motion, laid on the table for examination.

W. Duryea, President of the Glen Cove Starch Manufacturing Company, appeared before the Board in reference to the application of said company for permission to erect a platform and shed in front of bulkhead south of Montgomery street, E. R. and being heard at length in reference thereto—

On motion, the application of said company was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to the Glen Cove Starch Manufacturing Company, occupants of portion of bulkhead between piers 49 and 50, E. R., to drive piles in front thereof, and adjoining the platform of the New York, New Haven, and Hartford Railroad Company, and to erect thereon a platform for the delivery of freight, said platform to be about 40 feet in length on South street, and to extend into the river about 105 feet ; provided said company shall, within ten days from this date, file in this office its written agreement to pay to this department as rent for the land under water belonging to the city covered by said platform, the sum of \$1,000 per annum, payable on the usual quarter days, in advance, said rent to commence from 1st January, 1881, and also, previously to driving said piles, to dredge the space to be covered by said platform to a depth of at least ten feet at mean low water, and to maintain such depth of water thereat during the term of the company's occupancy of said platform, and also to erect and maintain a shed to cover said platform, for the protection of property received and discharged thereat, said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 9, Laws of 1875, the plans for the said improvement to be first submitted to and approved by the Engineer-in-Chief of this Department, and all the work to be done under the supervision of that Officer. The said piles, platform and shed to remain during the pleasure of this Board, and to be removed, whenever so ordered, at the cost and expense of said company.

On motion, James J. Murphy was appointed as a Dockbuilder, and the resignation of John Dunn, as Inspector, accepted.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held November 24, 1880.

Present—Commissioners Dimock and Vanderpoel and the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Four bids or estimates were received for furnishing material and labor for removing part of Pier at Twenty-fifth street, North river, and building Pier, new 55, North river, as follows, to wit :

No. 1. From Joseph Walsh, for \$68,500 ;

No. 2. From Swift & Van Aken, \$63,500 ;

No. 3. From Holmes Brothers, \$57,800 ;

No. 4. From Ross & Sanford, \$65,000 ;

and being read were—

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held November 24, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 17th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Department of Public Works—In reference to proposed new ferry slip, between Twenty-third and Twenty-fourth streets, East river, for the use of Twenty-third street ferry. President of said company requested to call upon the Commissioners in reference to their application.

From Police Department—Requesting to have the water front at Thirty-sixth street, North river, set apart for the construction of a dumping-board. Engineer-in-Chief directed to examine and report on the condition of the premises.

From Williams & Guion—To have dredging done between Piers, new 37 and new 38, North river. Engineer-in-chief directed to examine and report on the condition of the premises and the necessity of having dredging done thereat.

From Cunard Steamship Company (Limited)—In reference to retaining shed, etc., on north side of Pier, new 40, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Stephen A. Jenks & Co.—For permission to replace ten piles at Pier 24, East river, and to replace three, and drive four additional piles at Pier 20, East river. Application granted, the work to be done under the supervision of the Engineer-in-chief of this Department.

From Cunard Steamship Company (Limited)—In reference to assignment of lease of part of Pier, new 40, North river.

From John Kinsley—Accepting award of contract for building a rip-rap embankment and platform, from Forty-ninth street to Fifty-first street, East river, under estimates publicly opened the 10th instant.

From Gerard Beekman and others—Giving notice of their claim to the title of water front between Forty-ninth and Fifty-first streets, East river.

From Henry Du Bois & Sons—For permission to drive four piles under Pier, old 29, North river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Finance Department—Advising that John Gillies is not in default or arrears to the Corporation.

From John H. Starin—Protesting against the proposed mooring of a "Grand Floating Palace" at the Battery, as proposed by O. P. Buel, in his communication to the Department of Public Parks. Secretary directed to address a communication to the Department of Public Parks, stating

that in the opinion of this Board the mooring at the Battery of a structure as proposed would be very objectionable, and that in case the application for such privilege is to be considered by the Police Department, the Commissioners of Docks respectfully request that an opportunity be afforded them to be heard as to their powers in the premises, and the expediency of granting the permission asked for.

A communication was received from the Police Department, requesting that piers be set apart for the use of dumping snow and ice during the ensuing winter, and, being read,

On motion, it was

Resolved, That permission be and is hereby granted to dump clean snow and ice during the present season from the following-named premises, to wit :

All dumping boards on the water front not in use by the Police Department.

On East river, east half Pier 53 and west half Pier 54. Piers at Third and Thirty-second streets, bulkheads at Sixteenth, Eighteenth, Twenty-ninth and Forty-second streets.

On Harlem river, piers at One Hundred and Sixth, One Hundred and Seventeenth, and On Hundred and Twenty-fifth streets. But the dumping of other material than clean snow and ice is strictly prohibited, and in all cases the dump must be made into the river, and not upon any of the premises named herein.

On motion, the bids received on 19th instant and publicly opened the 22d instant, for removing part of pier at Twenty-fourth street, North river, and building Pier, new 54, North river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for removing about 220 feet in length of the outer end of the old pier at the foot of West Twenty-fourth street, North river, and preparing for and building a new wooden pier near the foot of West Twenty-fourth street, to be known as Pier, new 54, North river be and is hereby awarded to John Gillies, of 192 West street, Greenpoint, Brooklyn, L. I., his bid for doing said work being the lowest under proposals publicly opened the 22d instant, by adjournment of 19th instant, and the Comptroller having advised, in writing, the 22d instant, that said party is not in default or arrears to the Corporation.

A report was received from the Engineer-in-Chief, submitting draft of contract and specification for furnishing granite stones for the bulkhead or river wall at Twenty-third street section, Chamber street section, Laight street section, and North Moore street section, North river, and, being read

On motion, it was

Resolved, That the form of specifications and contract as prepared by the Engineer-in-Chief for furnishing granite stones for bulkhead or river wall, at Twenty-third street section, Chamber street section, Laight street section, and North Moore street section, North river, be and is hereby approved and adopted, subject to the approval of the Counsel to the Corporation, as to form, and that the Secretary be and is hereby directed to have a sufficient number of blank forms of proposal printed and proper advertisements inviting bids for furnishing said material, inserted in the newspapers designated by law.

On motion, William McCormick was appointed a Dockbuilder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a special meeting of the Board of Docks, held November 27, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, advising that Holmes Brothers are not in default or arrears to the Corporation, and, being read, was,

On motion, placed on file.

A communication was presented by Swift & Van Aken, protesting against the award to Holmes Brothers of contract for building Pier, new 55, North river, upon the ground that they were not practical dockbuilders, and, being heard at length in reference thereto,

On motion, the bids received and publicly opened on the 24th instant, for removing part of pier at Twenty-fifth street, North river, and building Pier, new 55, North river, were taken from the table and placed on file, and the following resolution adopted, to wit :

Resolved, That the contract for removing about 190 feet in length of the outer end of the old Pier at the foot of West Twenty-fifth street, North river, and preparing for and building a new wooden pier near the foot of West Twenty-fifth street, to be known as Pier, new 55, North river, be and is hereby awarded to Holmes Brothers, of 220 William street, their bid for doing said work being the lowest under proposals publicly opened the 24th instant, and the Comptroller having advised, in writing, the 26th instant, that said parties are not in default or arrears to the Corporation.

On motion, John Handy was appointed a Laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held December 3, 1880.

Present—Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The reading of the minutes of the meetings held the 19th, 22d, 24th, and 27th, ultimo, was,

On motion, dispensed with.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Commissioners of Pilots—Stating that the British Steamer “Serafies” on the 19th ultimo, discharged stone ballast in violation of law, having no tarpaulin to keep it from falling into

the slip at Pier 44, East river, and that the British Steamer "Canton" also discharged similar ballast in the same manner on the 24th ultimo, at Pier 46, East river. Owners of said steamer directed to inform this Department at once what reason, if any, they have to present, why the penalty for such offense shall not be imposed by this Department, and the Superintendent of Dock for the district directed to examine and report as to the facts of the case, and also why he has not reported the offense before.

From Greenpoint Ferry Co.—In reference to the leasing of bulkhead, between Twenty-third and Twenty-fourth streets, East river. Edward S. Knapp, Secretary of said company, requested to call upon the Commissioners in reference to their application.

From William H. Webb—For permission to erect bulkhead, between Thirty-sixth and Thirty-seventh streets, North river. Engineer-in-Chief directed to examine and report the condition of said premises.

From Thomas Stevenson—In reference to brick and sand incumbering the piers at Sixtieth and Sixty-first streets, East river. Superintendent Butler directed to cause the removal of said incumbrances and report action to the Board.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit:

From John Fagan—For permission to place a derrick upon pier at Sixty-second street, East river, for the purpose of hoisting sand. Permission granted, but the Department reserves the right to cause the removal of said derrick at any time it may so elect.

From Comptroller—Approving of sureties to estimate of John Kinsley, for building a rip-rap embankment, rubble wall and platform, between Forty-ninth and Fifty-first streets, East river.

From John Gillies—Accepting award of contract for building Pier, new 54, North river, under estimates publicly opened 22d ultimo.

From Holmes Brothers—Accepting award of contract for building Pier, new 55, North river under estimates publicly opened on the 24th ultimo.

From Glen Cove Starch Manufacturing Co.—Agreeing to pay rent for land under water between piers 49 and 50, East river, by resolution of the Board adopted the 22d ultimo.

From Compagnie Générale Transatlantique—To have the approach to Pier, new 42, North river, made the width of the pier. Engineer-in-Chief directed to do the work in accordance with the request of said company.

From Engineer-in-Chief—In reference to cost of making gang-planks to piers at One Hundred and Ninth and One Hundred and Seventeenth streets, Harlem river, and at docks on Ward's, Randall's, and Blackwell's Islands, for the use of fire engines, as requested by the Department of Public Charities and Correction. Engineer-in-Chief directed to make said gang-planks in accordance with his communication of 27th ultimo, at a cost of about \$471.

From Police Department—Reporting that several holes exist in Pier 48, East river, which is dangerous for travel in its present condition. Engineer-in-Chief directed to make the necessary repairs to said pier.

The Auditing Committee presented an audit of fifteen bills or claims, amounting to the sum of \$30,051.89, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from the Comptroller, advising substitution of Joseph Cumings as a surety on estimate of John Gillies, in place of John Kennedy, and, being read,

On motion, it was

Resolved, That, in compliance with requirements of section 27 of chapter VIII of Revised Ordinances of the City of New York, consent is hereby given to the substitution of Joseph Cumings in place of John Kennedy, as surety to the contract awarded under this estimate for removing part of old pier at foot of West Twenty-fourth street, and building Pier, new 54, North river.

The Engineer-in-chief having advised in communication of October 20th last, that the delay in furnishing Portland cement under contract with Stephen L. Merchant, agent, would not cause the Corporation to suffer any loss or damage during the present year ;

On motion, the following resolution was adopted, to wit :

Resolved, That this Board hereby certify to the Comptroller that the failure of Stephen L. Merchant, agent, to deliver the material specified in Estimate (No. 4 and final), within the times stipulated therefor, under his contract for furnishing 5,000 barrels Portland cement dated June 14, 1880, has not caused the Corporation to sustain any loss or damage whatsoever, the work of the Department having been delayed from other unexpected causes to such an extent as to prevent during the present year the construction of that part of the bulkhead wall for which the cement was ordered.

On motion, Michael Allen and Daniel O'Connell were appointed as Watchmen.

On motion, the Board adjourned.

EUGENE T. LYNCH, Sec'y.

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At a meeting of the Board of Docks, held December 8, 1880.

Present--Commissioners Dimock and Vanderpoel.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 19th, 22d, 24th, and 27th ultimo, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From New York Floating Dry Dock Company--For permission to lengthen Pier 49, East river, and to widen the same on the easterly side. Applicants requested to furnish this Department with evidence of their title to the land under water lying outside and adjacent to the present pier.

**From Counsel to the Corporation**—In reference to the application of the Hudson Tunnel Railroad Company, for use of water front between Morton and Leroy streets, North river.

**From Engineer-in-Chief**—Report as to dredging required in slip adjoining Pier 29, East river. **Secretary** directed to examine the lease of said premises made by the Commissioners of the Sinking Fund, as to whether the lessees should do the necessary dredging thereat.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

**From Hudson Tunnel Railroad Company**—For permission to land brick upon the bulkhead between Morton and Leroy streets, North river. Applicants informed that the Department has no objection to the landing of brick at said premises.

**From Warren Roosevelt**—For permission to drive about twenty brace piles underneath Pier 36 East river. Permission granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

**From Charles A. Coe**—For permission to erect pier in front of bulkhead on Water street between East and Corlears streets, East river. Applicant informed that, as the objections to the construction of such a pier, set forth in communication addressed him on December 31, 1879, still exist, his application is denied.

**From Engineer-in-Chief**, as follows :

1st. Report, as to repairs required on Pier 44, East river. Engineer-in-Chief directed to repair said pier in accordance with his report on Secretary's Order No. 1722, at a cost of about \$200.

2d. Report of the material excavated and removed by the Union Dredging Company in Department dredges and scows, during the month of November, 1880. Secretary directed to forward bill to said company for the amount due for use of said dredges and scows, with the request that they pay said amount to the Treasurer of this Department.

3d. Reporting the suspension of Peter Maguire, Night Watchman, for being intoxicated while on duty at his post, also the suspension of John Cochran, Night Watchman, for being found asleep at his post. Action approved, and the said Watchmen discharged.

A communication was received from the Comptroller remitting penalty imposed by this Department against Stephen L. Merchant, agent, contractor for furnishing Portland cement, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, By virtue of the power vested in the Finance Department, by section 31 of chapter 335, Laws of 1873, the Comptroller has decided to remit the penalty imposed by this Department, against Stephen L. Merchant, agent, for non-delivery of cement, within the times agreed upon under his contract for furnishing said material, dated June 14, 1880, and deducted in the sum of \$1,400 from audited claim No. 6621, on December 1, 1880 ; therefore,

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$1,400, being the amount now due said Stephen L. Merchant, agent, under said audited

claim, consequent upon the said penalty being remitted, and that the bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit Estimate No. 4 and final, under said contract, as settled and paid in full in the sum of \$4,213.44.

A communication was received from the Comptroller, remitting penalty imposed by this Department against Robert L. Darragh, contractor, for furnishing granite stones for bulkhead or river wall, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, By virtue of the power vested in the Finance Department by section 31 of chapter 335, Laws of 1873, the Comptroller has decided to remit the penalty imposed by this Department against Robert L. Darragh, for non-delivery of granite stones for bulkhead or river wall, within the times agreed upon under his contract for furnishing said material, dated March 26, 1880, and deducted in the sums, of \$300 from audited claim No. 6358 on June 16, 1880, and \$580 from audited claim No. 6473 on August 25, 1880 ; therefore,

Resolved, That a requisition be and is hereby directed to be drawn upon the Comptroller for the sum of \$850, being the amount now due the said Robert L. Darragh under said audited claim, consequent upon the said penalty being remitted, and that the bookkeeper charge the said sum to the said contract, so that the accounts of the Department shall exhibit Estimates, Nos. 1 and 2 and final, under said contract, as settled and paid in full in the sum of \$11,123.41.

On motion, the Engineer-in-Chief was directed to repair the surface of Pier 61, East river, in accordance with his report on Secretary's Order No. 1724.

An application was received from Arkell & Co., in reference to lease of new pier to be built by this Department at the foot of Twenty-sixth street, North river, and being read, was,

On motion, placed on file, and the following resolution adopted :

Resolved, That Arkell & Co., representing Ernest L. Simpson and Lewis H. Spence, agents of the Leith line of steamers, be and are hereby informed that this Department, upon the completion of a pier to be constructed by it at or near the foot of West Twenty-sixth street, and to be known as Pier, new 56, North river, in conformity with the new plans adopted or to be adopted for the improvement of the water front, will grant to them a lease of said pier, for the term of ten years, at a yearly rent of \$25,000, and will agree in said lease to give to the said lessees a covenant of renewal of the lease for a further term of ten years at an annual rent of \$30,000 ; the Department reserves the right to build the said pier and the bulkhead wall contiguous thereto, at such time as it may by said Department be deemed expedient ; provided, that they shall within five days after receipt of this notice, file in this office, their acceptance in writing, of the terms hereof, and agree to execute a lease containing the usual covenants and conditions, and in conformity with the terms herein set forth, for the pier, when so built and ready for occupancy.

On motion, the following appointments were made : Patrick McDonagh, as a Watchman, and Martin Sager, as a Dockbuilder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held December 15, 1880.

Present—Commissioners Dimock and Vanderpoel.

Mr. William Laimbeer, appointed on the 11th instant by his Honor the Mayor, as a Commissioner of Docks, in place of Jacob A. Westervelt, deceased, whose term of office has expired, being present, submitted his certificate of appointment, and, after stating that he had taken the oath of office prescribed by law, took his seat as a member of the Board.

On motion of Commissioner Laimbeer, Commissioner Dimock took the chair.

The minutes of the meetings held the 3d and 8th instant were read and approved.

On motion of Commissioner Laimbeer, the certificate of his appointment was directed to be spread in full upon the minutes, as follows :

MAYOR'S OFFICE,  
NEW YORK, December 11, 1880. }

I hereby certify that, in accordance with the provisions of the act, chapter 335 of the Laws of 1873, I have this day, by and with the consent of the Board of Aldermen, appointed William Laimbeer Commissioner of Docks of the City of New York for the term of six years, in the place of Jacob A. Westervelt, whose term of office has expired.

(Signed,)

EDWARD COOPER, Mayor.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Moses Taylor and others, owners of east half of Pier 12, East river—Agreeing to pay their proportion of the cost of repairing the pier under contract, conjointly with this Department.

From Providence and Stonington Steamship Company—Asking that fender piles be driven on the south side of Pier, new 21, North river, in order to facilitate the berthing of their steamers at the south side of Pier, old 33, adjacent. Engineer-in-Chief directed to examine and report as to the cost of doing the work.

From Julius Jonson—For permission to build dock between One Hundred and Eighteenth and One Hundred and Nineteenth streets, Harlem river. Engineer-in-Chief directed to examine and report as to the condition of the water-front in question.

From Central Railroad Company of New Jersey, with plans—To extend platform, etc., at Pier 8, North river, and erect shed upon said pier. Engineer-in-Chief directed to examine and report on the condition of the premises and the area to be covered by the proposed platform.

From Engineer-in-Chief—As to obstructions upon the water-front between Twenty-third and Twenty-fifth streets, North river, which interfere with the free use of the premises for the construction of the bulkhead wall thereat. Secretary directed to address a communication to the Counsel to the Corporation, enclosing a copy of report of the Engineer-in-Chief of this Department and a tracing of the above-named premises, and requesting him to inform this Board what steps are necessary to be taken for the removal of the aforesaid obstructions, in order to enable this Department to proceed with its work of building the bulkhead wall and piers at that part of the water front in accordance with the new plans adopted.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Lidgerwood Manufacturing Company—Agreeing to hold this Department harmless for any damages which may be claimed for the use of certain patents upon engines for pile drivers to be furnished to this Department.

From Citizens' Steamboat Company—For lease of Pier, new 43, North river. Secretary directed to advise in reply, that the pier referred to is used by this Department for the accommodation of steamship companies whose piers are being rebuilt under the new plans, and consequently this Department will not be enabled to grant them the use of the pier, as applied for.

From Platt, Gerard & Bowers, Attorneys—Requesting that this Department delay for a few days the work of removing the old platform between Forty-ninth and Fifty-first streets, East river, and constructing a new bulkhead thereat, until such time as they can complete the papers in the legal proceedings about to be commenced by them on behalf of Gerard, Beekman and others, to restrain the city from the prosecution of its proposed work. Secretary directed to state in reply that previous to receipt of communication from Gerard, Beekman and others, notifying this Department that legal proceedings would be taken to prevent the construction of the work above referred to, a contract to do the work had already been duly awarded, and that this Department has no power to delay the work as provided for in said contract, and furthermore considers that the interests of commerce and of the city imperatively demand that the prosecution of the proposed improvement shall be proceeded with as fast as possible.

From Engineer-in-Chief, as follows :

1st. Report, as to work performed December 11, 1880.

2d. Reporting the completion of repairs made to dumping board at Seventieth street, East river.

3d. In reference to dredging the slip between Piers, new 37 and new 38, North river.

Application of Williams & Guion, lessees of Pier, new 38, North river, to have dredging done thereat by this Department, was taken from the table and placed on file, and applicants informed that whatever dredging may be necessary to be done at said premises, will have to be performed at their own cost and expense, in accordance with the provisions of their lease, and that a tracing showing the soundings taken in the slip adjacent to said pier, has been prepared by the Engineer-in-Chief of this Department, and can be examined by them upon application at this office.

From Superintendent Wm. McConkey—In reference to discharging stone ballast at Piers 45 and 46, East river.

A communication was received from the Comptroller, advising substitution of Christian Zanger and Jennie E. Richardson as sureties on estimate of Holmes Brothers, in place of Anthony Schwoerer and George Baecker ; and, being read,

On motion, it was

Resolved, That in compliance with the requirements of section 27, of chapter VIII of the Revised Ordinances of the City of New York, consent is hereby given to the substitution of Christian Zanger and Jennie E. Richardson, in place of Anthony Schwoerer and George Baecker, as sureties to

the contract awarded under this estimate for removing part of old pier at foot of West Twenty-fifth street, and building Pier, new 55, North river.

A communication was received from John Kinsley, asking that consent be given to the assignment of his contract to Forbes Holland for building platform, etc., between Forty-ninth and Fifty first streets, East river, and, being read,

On motion, it was

Resolved, In conformity with the provisions of paragraph 59, in the contract made by this Department with John Kinsley, for building rubble wall and platform, between Forty-ninth street and Fifty first street, East river, dated December 4, 1880, that consent be and is hereby given and directed to be indorsed on the said contract, to the assignment or subletting of the contract and of the work to be done thereunder, to Forbes Holland, of 117 East Eighteenth street, in this city, provided the sureties to the bond for the faithful performance of the said contract shall agree in writing thereon to such assignment.

The Auditing Committee presented an audit of 19 bills or claims, amounting to the sum of \$7,311.28, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Secretary was directed to notify the Hudson Tunnel Railroad Company, applicants for permission to occupy portion of water-front between Morton and Leroy streets, North river, for constructing thereat a railroad tunnel, etc., to furnish for examination plans of the work proposed to be constructed; to specify the space to be permanently occupied by the company, as well as the space necessary for the prosecution of the work, the time during which the latter may be occupied, and such other details as will enable the Commissioners to act advisedly upon the application of said company.

On motion, the Secretary was directed to notify the Old Dominion Steamship Company, lessee of Pier, new 26, North river, to at once proceed with the erection of the shed proposed to be built by them, at their own cost and expense, on the inner end of the pier, in order that this Department may not be delayed in its work to be carried on south of said Pier, the premises to be occupied by said shed having been completed and ready since the 27th of November last.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a special meeting of the Board of Docks, held December 18, 1880.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A communication was received from the Engineer-in-Chief, advising the removal of buildings and ferry-rack from the northerly side of Pier, new 40, North river, and submitting an estimate of cost of completing that side of the pier, and, being read,

On motion, the following preamble and resolutions were unanimously adopted :

Whereas, It became necessary, in constructing Pier, new 40, North river, built under contract made with P. Sanford Ross, dated July 13, 1878, to leave the northerly side uncompleted, consequent upon a ferry rack and buildings being located thereat, and

Whereas, The said ferry building and rack have recently been removed, and the Engineer-in-Chief has submitted an estimate of the cost of fully finishing the said northerly side, therefore,

Resolved, That the Engineer-in-Chief be and hereby is directed to proceed with the work of completing the northerly side of Pier, new 40, North river, in a manner similar and equal to the finish of the southerly side, including such dredging as may be required to secure the customary depth of water in the south half of the slip adjacent to said northerly side, and that all the work hereby ordered be performed otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and that it be done by the force of the Department, by day's work, except so much of the labor as is now or may hereafter be contracted for, and further, that all the material, machinery, tools, etc., necessary therefor, not heretofore contracted for, or which may not hereafter be contracted for, be purchased by the Treasurer otherwise than by contract.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held December 23, 1880.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 15th and 18th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Allen and Stevens—For permission to erect platform on piles in front of bulkhead occupied by them, between Forty-seventh and Forty-eighth streets, North river. Engineer-in-Chief directed to examine and report on the condition of the above-mentioned premises.

From Engineer-in-Chief, as follows :

1st. Report as to dredging required in slip between Twenty-third and Twenty-fourth streets, East river.

2d. In reference to application of the Central Railroad Company of New Jersey, for permission to construct platform adjoining southerly side of Pier 8, North river, and to erect shed upon portion of said pier. Commissioners to examine.

3d. Report as to the condition of water-front at Thirty-sixth street, North river. Secretary directed to advise the Police Department in answer to their application to have said water-front set aside for the use of a dumping board, that as they already have a dumping board in use at Thirty-seventh street, North river, this Department cannot see the necessity for the erection of one at Thirty-sixth street, but it will be pleased to hear any reasons which said Department may have to advance why the premises at Thirty-sixth street should be set aside for the aforesaid use.

4th. Report as to the condition of water-front between Thirty-sixth and Thirty-seventh streets, North river. William H. Webb, applicant for permission to erect a bulkhead at said premises, requested to call upon the Commissioners in reference to the same.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Simpson & Spence—Accepting terms of resolution whereby Pier, new 56, to be constructed by this Department, at Twenty-sixth street, North river, was leased to them.

From Comptroller—With approval of sureties to contract with John Gillies, for building Pier new 54, North river.

From Comptroller—Without approval of sureties to contract with Holmes Brothers for constructing Pier, new 55, North river. Holmes Brothers appeared and were heard at length as to their desire to furnish acceptable sureties and to proceed with the work under said contract.

From Old Dominion Steamship Company—In reference to the time necessary for completion of shed upon Pier, new 26, North river. Isaac Bell appeared on behalf of said company, and being heard as to the delays which have occurred in the delivery of material intended to be used in the construction of such shed. Secretary was directed to notify the Old Dominion Steamship Company that there is urgent need for having the said shed finished at the earliest possible moment, and notifying them to proceed with the aforesaid work without unnecessary delay.

From Engineer-in-Chief, as follows :

1st. Report as to work performed during the week ending December 18, 1880.

2d. As to repairs made to the Work-house dock at Blackwell's Island, East river.

From Department of Public Parks—Requesting that a list be furnished them of the different rates of wages paid by this Department. Secretary directed to forward to said Department the necessary information.

On motion, the communication from the Health Department, as to the necessity of having dredging done at Pier 29, East river, and the report of the Engineer-in-Chief in reference thereto, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the New York Ferry Company, lessee of Pier 29, East river, be and hereby is notified and directed to do the necessary dredging in the slip at said pier, so as to secure a depth of ten feet at mean low water under the platform at said premises, in accordance with the terms and conditions of public sale held June 14, 1878, under which the lease of said premises was purchased by said Company, the Engineer-in-Chief of this Department having estimated the amount of material to be removed—5,000 cubic yards of mud.

A communication was received from Jacob Sharp and others, in reference to the dimensions and position of Pier, new 53, to be constructed by this Department at the foot of Twenty-third street, North river, and, being read, was,

On motion, referred to a committee of the full Board to report at next meeting.

A communication was received, signed by the various horse-car railroad companies, requesting that suitable dumping places on the North river be provided for the dumping of clean snow and ice removed from their tracks, and, being read, and the Superintendents of said railroads heard at length as to the necessity of having convenient dumping places for the dumping of ice and snow, above referred to,

The Chairman moved the adoption of the following resolution :

Resolved, That places under the control of this Department, additional to those set apart by resolution adopted, be designated for the dumping of snow and ice on the water-front.

Commissioner Laimbeer offered as an amendment,

That the Department provide suitable places on the North river water-front for such dumping.

The ayes and noes being taken on the amendment,

The chair declared it lost by the following vote :

Aye—Commissioner Laimbeer.

Noes—Commissioners Vanderpoel and Dimock.

On motion, the resolution as offered by the Chairman was adopted.

On motion of Commissioner Laimbeer, the question as to whether Pier, new 1, North river, should be added to the list of places for the dumping into the river of snow and ice, was referred to Commissioners Laimbeer and Vanderpoel as a committee for consideration and report.

A report received from the Engineer-in-Chief as to the condition of water-front between One Hundred and Eighteenth and One Hundred and Nineteenth streets, Harlem river ; and, being read,

On motion, the application of Julius Jonson for permission to erect a pile pier at said point, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and hereby is granted to Julius Jonson to erect, at his own cost and expense, in front of the bulkhead occupied by him, between One Hundred and Eighteenth and One Hundred and Nineteenth streets, Harlem river, a platform on piles, the lower side of which shall be located at about 75 feet 11 inches east of the easterly line of One Hundred and Eighteenth street ; said platform to be 25 feet wide at the bulkhead, and 26 feet 6 inches at its outer end, and to extend out to the pier line as established in 1857, a distance of about 72 feet on its westerly side and 61 feet

on its easterly side ; the work to be done under the supervision of the Engineer-in-Chief of the Department, and to remain during the pleasure of this Board.

A summons and complaint in suit of Abraham Van Dolson vs. the Mayor, etc., of the City of New York, brought in the United States Circuit Court, Southern District of New York (served December 18, 1880, at 2 o'clock P. M., and returnable on the first Monday in February, 1881), to restrain the Commissioners of Docks and their contractor from proceeding with the work of removing old platform between Forty-ninth and Fifty-first streets, East river, and building a rubble wall on a platform in place thereof ; and, being read,

On motion, the Secretary was directed to address a communication to the Counsel to the Corporation, enclosing the papers in said suit, and requesting him to take such legal steps as may be necessary to protect the interests of the city in the above-mentioned suit.

A report was received from the Engineer-in-Chief stating that there are required about 50 fender piles on the north side of Pier, new 21, North river, for the protection of the steamers of the Providence and Stonington Steamship Company, using the adjacent slip, and that P. Sanford Ross will drive said piles, and do other necessary work connected therewith, at a cost of about \$1,340 and, being read,

On motion, the application of the Providence and Stonington Steamship Company, lessees of south side of Pier, old 33, North river, to have said improvement made, was taken from the table and placed on file, and the following resolution unanimously adopted :

Resolved, That all the work of driving and fastening about 50 fender piles on the northern side of Pier, new 21, North river, for the protection of the steamers of the Providence and Stonington Steamship Company using the adjacent slip, be and is hereby ordered to be performed otherwise than by contract, as required by subdivision 5 of section 6 of chapter 574, Laws of 1871, and that it be done by the force of the Department under direction of the Engineer-in-Chief, except that all the labor and material necessary therefor, not heretofore contracted for, or which may not hereafter be contracted for, be purchased by the Treasurer, otherwise than by contract, from P. Sanford Ross.

On motion, the following resolution was adopted :

Resolved, That a Committee be appointed for the purpose of making an examination of the compensation now paid to all employes of this Department, and to report to this Board at the next meeting such changes as may be deemed proper, and that the said committee consist of the full Board.

On motion, the Chairman appointed as such Committee, Commissioners Laimbeer, Vanderpoel and Dimock.

A communication was received from the Hudson Tunnel Railroad Company, furnishing additional information in reference to their application for use of water-front between Morton and Leroy streets, and, being read, was,

On motion, referred to Commissioners Laimbeer and Vanderpoel as a committee, for examination, and

The Engineer-in-Chief directed to examine and report to said committee on the same.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held December 27, 1880.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The Secretary submitted the Annual Report of the Department, for the year ending April 30, 1880, being its Tenth Annual Report, prepared in compliance with the requirements of subdivision 9, of section 6, chapter 574, Laws of 1871, and of sections 88 and 119, of chapter 335, Laws of 1873, and, being read, was,

On motion, approved and adopted, and the Secretary directed to transmit the said report to his Honor the Mayor.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held December 29, 1880.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 23d instant, were read and approved.

A communication was received from George N. Williams, on behalf of residents doing business in the Nineteenth Ward, asking that additional wharf accommodations be furnished on the East river, between Sixtieth and Seventy-ninth streets, and, being read, and the applicant heard at length as to the inadequate facilities existing for the discharge of vessels seeking that portion of the water-front,

On motion, the communication was laid on the table, and the Engineer-in-Chief directed to examine the above-mentioned locality, and report at what points suitable piers and bulkheads can be built in order to accommodate the commerce which concentrates thereat.

An application was received from the Iron Steamboat Company asking that Pier, new 1, North river, be leased to them for a term of years, in order to accommodate their passenger steamboats, and being read, and Rufus Hatch, Vice-President of said company, heard as to the urgent need of the premises being assigned for the aforesaid use, was,

On motion, laid on the table for examination.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, to wit :

Bowring & Archibald—in reference to their application for a lease of pier to be built by this Department in the vicinity of Twenty-seventh street, North river.

Secretary directed to advise in reply that the subject matter of their application is now under consideration, and that as soon as a decision has been arrived at by the Commissioners, they will be promptly advised thereof.

From Engineer-in-Chief, as follows :

1st. Report as to work performed during the week ending December 25, 1880.

2d. Submitting plans and specifications for repairing Pier 12, East river.

Secretary directed to have a sufficient number of proposals for doing said work printed and submitted to the Board for approval.

A report was received from the Engineer-in-Chief as to the condition of water-front between Forty-seventh and Forty-eighth streets, North river, and, being read,

On motion, the application of Allen & Stevens for permission to erect a platform in front of the bulkhead between Forty-seventh and Forty-eighth streets, North river, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and is hereby granted to Allen & Stevens to erect and maintain during the pleasure of this Board, in front of the bulkhead occupied by them, between Forty-seventh and Forty-eighth streets, North river, a platform on piles, to be 25 feet in width, and to extend southerly 125 feet from the present shore line, as existing in Twelfth avenue, south of the southerly line of Forty-eighth street ; the consent of Bradish Johnson, owner of said premises, to the erection of the structure having been filed in this office ; the work to be done in accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, and under the supervision of that officer.

A communication was received from the Engineer-in-Chief as to the absence from duty, owing to sickness, of James O'Brien, Roundsman, and, being read,

On motion, it was

Resolved, That the Chief Clerk be and is hereby directed and authorized to place the name of James O'Brien, Roundsman, upon the pay-rolls for the current month, for the excess of time over two weeks, during which that officer was prevented from attending to his duties by reason of sickness, and that the effect and force of the resolution of this Board, adopted May 29, 1878, be suspended in this case.

The communication from John McClave and others, remonstrating against the leasing to steamship companies of the piers to be built by this Department between Twenty-third and Thirtieth streets, North river, was,

On motion, taken from the table and placed on file, and the Secretary directed to advise the remonstrants that the Commissioners composing the Board as it existed prior to the 11th instant had agreed to lease the steamship companies the new piers to be constructed at Twenty-fourth, Twenty-fifth and Twenty-sixth streets, North river, the applications therefor having been on file in this Department for a long time previous to the receipt of their communication to this Board, under date of 20th July last, remonstrating against such disposal of said piers.

D. C. Haskin, President of the Hudson Tunnel Railroad Company, appeared and stated that he was desirous of consulting with his counsel in reference to the terms to be fixed for use of waterfront between Morton and Leroy streets, North river, and requesting that further consideration of his application be postponed for a few days ; which request,

On motion, was granted.

The Auditing Committee presented an audit of 22 bills or claims amounting to the sum of \$12,655.22, and being read, was,

On motion, accepted and adopted, and the Secretary directed to forward said bills, together with proper requisitions for the amount, to the Finance Department for payment.

Commissioner Laimbeer, as Chairman of Committee of the full Board, appointed on the 23d instant to make an examination of the compensation now paid to all employees of the Department, etc., made a partial report in writing, recommending certain reductions, which being read, was,

On motion, received and accepted, and the following resolution unanimously adopted :

Resolved, That from and after January 1, 1881, rates of compensation to be paid to the following named employees shall be at follows, to wit :

Clerk to the Secretary, \$100 per month.

Four Superintendents of Docks, each, \$100 per month.

Superintendent of masonry, \$1,800 per annum.

Superintendent of Construction, \$1,800 per annum.

Foreman of Dockbuilders, \$1,000 per annum.

Foreman of Department Yards, \$1,000 per annum, and that his hours of duty be from 7 A. M. to 6 P. M., on every week day.

Commissioner Laimbeer presented for adoption the following resolution :

Resolved, That the Secretary direct any and all communications in the future to be addressed to the Board of Dock Commissioners.

The ayes and noes being called for and taken.

The Chair declared the resolution not adopted, by the following vote :

Aye—Commissioner Laimbeer.

Noes—Commissioners Vanderpoel and Dimock.

On motion of Commissioner Laimbeer, it was

Resolved, That no one in the employ of this Department shall in future be excused from duty unless the consent of one of the Commissioners be first obtained in writing, such permission to be placed on file.

On motion, William Woodbridge was appointed a Laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held January 5, 1881.

Present—The full Board and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

Five estimates were received for furnishing granite stones for bulkhead or river wall, as follows, to wit :

|   | I.<br>HEADERS AND STRUTCHERS,<br>35,400<br>CUBIC FEET. | II.<br>COPING,<br>12,880<br>CUBIC FEET. | ESTIMATE<br>COST. |
|---|--|---|-------------------|
| No. 1. From Davis Tillson, for .....    | \$0 88   | \$1 53                                  | \$50,858 40       |
| 2. " Charles Guidet, for .....          | 80   | 92½                                     | 40,234 00         |
| 3. " Nolan & McGrath, for.....          | 1 00   | 1 25                                    | 51,500 00         |
| 4. " Mt. Waldo Granite Works, for ..... | 83   | 83                                      | 40,072 40         |
| 5. " Cape Ann Granite Co., for .....    | 80½  | 89¾                                     | 40,056 80         |

—and, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held January 5, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 29th ultimo were read and approved.

A communication was received from William H. Thompson & Co., agents of the Centaur Line of Steamers, asking that a lease be granted to them of Pier, new 1, North river ; and being read, was

Referred to a Committee of the full Board.

Rufus Hatch appeared and urged that the Iron Steamboat Company be granted a lease of Pier, new 1, North river, and that action on his application for such lease be had as speedily as possible.

A communication was presented by John E. Walsh, offering to build a section of the bulkhead wall by the use of his coffer dam ; and being heard in reference thereto,

On motion, the said application was referred to a Committee of the full Board.



A communication was received from the Hudson Tunnel Railway Company, being supplemental to their application for use of water-front between Morton and Leroy streets, North river; and F. B. Jennings, counsel to said company, being heard in reference thereto, was,

On motion, referred to a Committee of the full Board.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Department of Public Charities and Correction—To have repairs made to the upper dock at Randall's Island, East river. Engineer-in-Chief directed to examine and report the nature of repairs required, and cost of doing the work.

From Engineer-in-Chief:—As to material excavated and removed in Department dredges and scows during the month of December, 1880. Commissioner Laimbeer to examine.

Presented by Committee of the Nineteenth Ward Taxpayers' Association—In reference to obstructions existing on bulkheads at from Sixtieth to Sixty-third streets, East river. Superintendent of Docks for the District directed to cause the removal of said obstructions, and to enforce the rule of the Department in reference to goods remaining upon piers and bulkheads forty-eight hours after notice has been given for their removal in order that vessels may discharge their cargoes with dispatch.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From New York and Charleston Steamship Company—Stating that the Board of Health had ordered dredging to be done in slip between Piers 27 and 28, North river, and that as two sewers empty into the river at that point the city should bear a proportion of the cost for doing said dredging. Secretary directed to advise in reply that the Counsel to the Corporation has given his opinion to the effect that this Department is not authorized by law to expend any portion of the proceeds received from the sale of Dock Bonds of the City of New York, in dredging the slips adjacent to wharves not owned by the Corporation, nor in reimbursing the owners of wharf property who may have dredged slips adjacent to their wharves, under the direction of this Department.

From Engineer-in-Chief—Report as to work performed during week ending January 1, 1881.

From S. D. Peters, for position in the Department.

A report was received from the Engineer-in-Chief as to the condition of the water-front between Sixtieth and Seventy-ninth streets, East river, and, being read,

On motion, the application of George N. Williams and others, to secure additional wharf facilities on the East river, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That George N. Williams and his associates be and are hereby informed, that this Department has made a careful examination of the water-front on the East river, from Sixtieth street to Eightieth street, with a view to affording additional accommodation for the discharge of vessels,

applied for by them, and that it appears that Seventy-fifth and Seventy-sixth streets are the only points at which wharf structures can be built by this Department, which will have suitable grade as an approach thereto, and that until the river street, as contemplated, shall be built in the vicinity, adequate provision for the commercial wants of the locality referred to, is not within the power of this Department to supply, except partially at the points above referred to and that when wharf structures are built thereat, it is believed they will afford great relief to the wants of commerce as presented by the petitioners.

On motion, the Secretary was directed to forward to George N. Williams, a tracing of the water-front in question, and to state that this Department will cheerfully co-operate in any measure for the construction of the contemplated river street, along the water-front of the aforesaid district.

A communication was received from the New York, Lake Erie and Western Railroad Company, for permission to erect upon Pier, new 21, North river, leased by them, a one-story shed, as per plan submitted to the Engineer-in-Chief, and, being read,

On motion, Commissioner Laimbeer offered for adoption the following resolution :

Resolved, That the communication from the New York, Lake Erie & Western R. R. Co. be returned to it, with the request that the plans therein referred to, with the communication, be sent to this Department.

The ayes and noes being called for and taken on the adoption of the resolution,

The Chair declared it not adopted, by the following vote :

Aye—Commissioner Laimbeer.

Noes—Commissioners Vanderpoel and Dimock.

On motion of Commissioner Dimock, the following resolution was adopted :

Resolved, That the New York, Lake Erie & Western R. R. Co. be and hereby is requested to forward to this Department the plans for the shed to be erected by said company on Pier, new 21, North river.

Commissioner Dimock offered for adoption the following resolution :

Resolved, That the Secretary be and hereby is directed to hand the plans for the shed on Pier new 21, North river, as soon as received from the New York, Lake Erie & Western R. R. Co. to the Engineer-in-Chief of this Department for examination and report.

Commissioner Laimbeer offered as an amendment, that the plans before being sent to the Engineer-in-Chief, be first submitted to this Board.

The ayes and noes being called for and taken on the amendment, it was lost by the following vote :

Aye—Commissioner Laimbeer.

Noes—Commissioners Vanderpoel and Dimock.

The ayes and noes being called for and taken on the adoption of the resolution,

The Chair declared it adopted by the following vote :

Ayes—Commissioners Vanderpoel and Dimock.

No—Commissioner Laimbeer.

Joseph Sharkey and others, on behalf of the Stonecutter's Society, appeared and urged that all granite used by the Department should be trimmed in this city, and that in future, proposals inviting bids for furnishing granite to the Department should contain a clause to that effect, and being heard at length,

The Chair stated to them that the matter would receive due consideration.

The Board here went into

#### EXECUTIVE SESSION.

On motion, the application of the Central Railroad Company of New Jersey to build platform south of Pier 8, North river, and to erect shed on said pier and platform was taken from the table, and being duly considered,

Commissioner Laimbeer offered for adoption the following resolution :

Resolved, That permission be and hereby is granted to the Central Railroad Company of New Jersey, occupants of Pier 8 and bulkhead adjoining North river, to construct and maintain during the pleasure of this Board a platform on piles at the south side of said pier, commencing at a point distant about 110 feet from the inner end of the pier, and extending southerly a distance of about 39 feet, and thence easterly to the existing bulkhead, and to erect upon said platform and upon Pier 8, sheds for the protection of property received and discharged thereat by steam transportation; the said sheds to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875. All the work to be done under the supervision of the Engineer-in-Chief, and in accordance with plans on file in this Department, provided that said Company shall within ten days from the date hereof, file in this Department its written agreement to pay as rent for the land under water covered by the platform, south of the said pier, the sum of \$1,500 per annum payable quarterly in advance from and after February 1, 1881, and to maintain by dredging under said platform, at its own cost and expense, such depth of water as may from time to time be required by this Department.

The ayes and noes being called for and taken on the adoption of the resolution, it was adopted by the following vote :

Ayes—Commissioners Laimbeer and Vanderpoel.

No—Commissioner Dimock.

The Chairman desired that his protest against the charge of \$1,500, as rent to be paid under said resolution, be entered on the minutes, for the reason, that it was excessive, and that he held it to be unwise for the Department to impose excessive charges for use of land under water, situate in front of wharf property not owned by the Corporation.

The Engineer-in-Chief, reporting that Isaac Fowler, lessee of Pier 61, East river, has failed to make the repairs to the outer end of the pier, as ordered by the Board on 17th November last,

On motion, the Engineer-in-Chief was directed to make the repairs to the outer end of said pier, at a cost not exceeding \$300, and when finished, to report the cost incurred, in order that a bill may be rendered to the lessee for payment.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held January 6, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, stating that the Cape Ann Granite Co. are not in default or arrears to the Corporation; and, being read,

On motion, the bids received and publicly opened on the 5th instant, for furnishing granite stones for bulkhead or river wall, were taken from the table and placed on file, and the following resolution adopted:

Resolved, That the contract for furnishing granite stones for bulkhead or river wall be and is hereby awarded to the Cape Ann Granite Co., Bay View, Gloucester, Mass., their bid for furnishing said material being the lowest under proposals publicly opened the 5th instant, and the Comptroller having advised in writing, the 5th instant, that said parties are not in default or arrears to the Corporation.

The Secretary submitted a printer's proof of the estimate for proposals for repairing Pier 12, East river, and adjacent bulkhead in conjunction with the owners of the easterly half of said pier, in conformity with the specifications for the work, as submitted by the Engineer-in-Chief on 29th ultimo, and, being examined and approved,

On motion, the Secretary was directed, upon the approval of the form of contract by the Counsel to the Corporation, to have proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

On motion, the communication from the Engineer-in-Chief, as to material excavated and removed by the Union Dredging Company in Department dredges and scows during the month of December last, was taken from the table and placed on file, and the

Secretary directed to forward bill to said company for the amount due for use of said dredges and scows with the request that they pay said amount to the Treasurer of this Department.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held January 10, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A communication was received from the Department of Public Parks stating that the application of Gideon B. Massey and others, to moor a Floating Pavilion at the Battery wall is to be considered at their meeting to be held on Wednesday, the 12th instant, at which all parties interested in said application will be heard, and, being read,

On motion, the Secretary was directed to advise in reply, that the Board of Docks will hold its regular meeting at 11 o'clock on the same day, and consequently the Commissioners will be unable to be present at said hearing, and further, to state that the Counsel to the Corporation, under date July 19, 1879, rendered his opinion to the effect that the water-front adjacent to the Battery wall is under the exclusive jurisdiction of the Department of Docks, and that no other Department of the City Government is authorized to exercise a jurisdiction over said premises without the consent of this Department; that the Commissioners of this Board are firm in the belief that the law places the water-front adjacent to the Battery wall exclusively under their control, and they desire to enter their protest against the use of said water-front for the purposes contemplated in the application of Gideon B. Massey and others to the Department of Public Parks—first, for the reason that the Department of Public Parks has no jurisdiction over the premises sought to be used, and consequently cannot lawfully give permission to occupy it; and second, that it is impolitic to have such a structure or any other of a similar character placed in front of the Battery wall.

An opinion was received from the Counsel to the Corporation in reference to the failure of Holmes Brothers to provide satisfactory sureties on their contract awarded 27th November, 1880, for building Pier, new 55, North river, and advising that in consequence of such neglect, this Department, pursuant to section 91 of the Charter, should readvertise for proposals for building said pier; and, being read,

On motion, the Secretary was directed to readvertise for proposals for estimates for building Pier, new 55, North river, at the foot of West Twenty-fifth street, inviting bids for doing said work in the several newspapers designated by law, to be opened on the 21st instant, at 12 o'clock M., the date for the completion of the work to be extended from April 1, 1881, as advertised on November 24, 1880, to June 1, 1881, and to cause to be printed such additional copies of the specifications and contract as may be required.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held January 12, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 5th and 6th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From R. J. Cortis, agent, White Star Line, lessee of Piers, new 44 and new 45, North river—Asking that consent be given to the transfer of sub-lease of Pier, new 44, from the "Atlas" Steamship Co. to the Citizens' Steamboat Co., of Troy. Commissioner Laimbeer to examine provisions of lease of said premises.

From John H. Starin—For permission to extend Pier 18, North river, for a distance of about 240 feet. Engineer-in-Chief directed to examine and report as to the condition of the premises, with a diagram, and also as to what water grants if any have been issued by the city thereat.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Cape Ann Granite Company—Accepting award of contract for furnishing granite stones for bulkhead or river wall, under proposals publicly opened the 5th instant.

From the CITY RECORD—To have a list of the employes of this Department prepared and forwarded for publication. Chief Clerk directed to have list furnished as requested.

From H. K. S. Williams—Protesting against the Department of Docks occupying water-front between Twenty-fifth and Twenty-sixth streets, North river, claiming that the title to said premises is not vested in the city.

From Jesse A. Strickland—For a position in the Department of Docks.

From James Fitzpatrick, Corporation Wharfinger—In reference to canal boat "J. E. Murphy," sunk at Pier at Twenty-sixth street, North river.

From George N. Williams—In reference to his application for additional wharf facilities between Sixtieth and Eightieth streets, East river.

From A. E. Outerbridge & Company—To have water supply-pipe at Piers, new 46 and new 47, North river, repaired. Applicants informed that the lessees of Corporation property are expected to provide themselves with the supply of Croton water necessary for their purposes at their own cost and expense, and that it is not within the duty of this Department to repair the supply-pipe furnishing water to occupants of Piers, new 46 and new 47, North river, referred to.

From Engineer-in-Chief, as follows :

1. Report as to work performed during the week ending January 8, 1881.
2. As to repairs needed to Pier 61, East river.
3. As to repairs required to Pier 40, East river, leased by Phelps Bros. & Co.
4. As to condition of the water supply-pipe at Pier, new 46, North river.

From Department of Public Charities and Correction—Stating that at piers at Sixty-second, One Hundred and Ninth, and One Hundred and Seventeenth streets, East river, where runways were constructed for the purpose of shipping fire apparatus to the various Islands, quantities of sand and brick incumbered the approaches thereto, and that the vessels constantly moored thereat would prevent access to the piers, etc. Secretary directed to state in reply that this Department has issued instructions to the Superintendent of Docks for the District to keep the approaches to said runways free and clear, and that this Department has done all in its power to comply with the wishes of their Department in the premises, and that the Harbor Master alone is empowered to place vessels at the various wharves of the city, and that this Department cannot order the removal of any vessels so placed by him. Corporation Wharfinger for the District directed to keep the runways clear from obstructions at the aforesaid premises, and to rigidly enforce the rule of this Department in reference to goods remaining upon piers and bulkheads forty-eight hours after notice has been given for their removal.

From Phelps, Bros. & Co.—In reference to damage done to the outer end of Pier 40, East river, by floating ice. Secretary directed to advise in reply that as the portion of the pier in question was built by them under authority granted by resolution adopted by this Board July 21, 1880, this Department has no objection to their rebuilding the same, if they desire so to do, otherwise they are hereby directed to restore the premises to the condition they were in prior to the work of rebuilding provided for under aforesaid resolution.

From C. R. Robert—In reference to the dumping of snow and ice mixed with dirt and refuse into the slips along the water-front, by the Police Department, etc. Secretary directed to address a communication to the Police Department, stating that complaint has been made to this Department that immense quantities of dirt and street refuse of all kinds mixed with snow and ice, are dumped into the river by the Police Department, and that said refuse by the action of the current finds its way into the slips, and that a sample taken at random from one of the carts employed, dumping at Twenty-second street, proved to be fully 20 per cent. of mud, mixed with oyster shells and ashes, and that, as said Department is well aware, the dumping of such material is in violation of law, and against the rules laid down by this Department for the dumping of snow and ice, and to respectfully request that said Department issue to the force employed by it such directions as will abate the nuisance complained of, and will prevent in the future the dumping into the river of any refuse mixed with snow and ice.

From James I. Hart—Offering to furnish legislative bills for the session of 1881. Secretary directed to request him to furnish the Department with the said bills, for the sum of \$35.

A communication was received from the Iron Steamboat Company in reference to their application for lease of Pier, new 1, North river, and offering therefor an annual rent of \$10,000, and being read, and Rufus Hatch being heard on behalf of said company, was

On motion, referred to a committee of the full Board.

A communication was received from the New York, Lake Erie & Western R. R. Co., enclosing plans for the shed to be erected by it on Pier, new 21, North river, and being read, and a report being received from the Engineer-in-Chief approving said plans,

On motion, the following resolution was adopted :

Resolved, That permission be and is hereby granted to the New York, Lake Erie & Western R. R. Co. to erect and maintain during the pleasure of this Board upon Pier, new 21, North river leased by said company, a one-story frame shed, sided with iron, and with roof of felt and gravel for the protection of property received and discharged thereat, the said shed to be constructed subject to the regulations of the Superintendent of Buildings, as required by chapter 249, Laws of 1875 and in accordance with the plans approved by the Engineer-in-Chief of this Department and on file in this office, and all the work to be done under the supervision of Engineer-in Chief.

A communication was received from Julius Jonson, requesting that a change be made in the size and location of the platform intended to be built by him between One Hundred and Eighteenth and One Hundred and Nineteenth streets, Harlem river, permission for which was granted December 23, 1880, and, being read,

On motion, the following resolution was adopted :

Resolved, That the resolution adopted December 23, 1880, whereby permission was granted to Julius Jonson to erect a pile platform between One Hundred and Eighteenth and One Hundred and Nineteenth streets, Harlem river, be and hereby is amended, so as to permit of said platform being built of a width of 50 feet on the bulkhead and extending eastwardly into the river a distance of about 35 feet, the southerly line of said platform to be located at about 50 feet 11 inches north of the northerly line of One Hundred and Eighteenth street extended, instead of 75 feet 11 inches, as stated in said resolution.

The Auditing Committee presented an audit of 17 bills or claims, amounting to the sum of \$25,532.08, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A communication was received from Pim, Forwood & Co., Agents for Atlas Steamship Company, in relation to the shed to be constructed by them upon Pier, new 55, North river, to be built by this Department, and, being read,

On motion, the Secretary was directed to state in reply, that proposals for the erection of said pier were received by this Department on November 24, 1880, and a contract awarded to Holm Brothers for doing the work, but said contractors having failed to provide satisfactory sureties for the faithful performance of their contract, this Department has been obliged to re-advertise for proposals for building the pier, which proposals are to be opened on 21st instant. The specifications for said pier do not provide for the additional pressure upon the pier which would have to be sustained in the event of their proposed shed being constructed in accordance with the plan enclosed in their communication, and consequently this Department is unable to provide for the same under the proposals so re-advertised, but that when a contract shall be awarded for building the pier, the Commissioners desire to confer with them in reference to their plan for the said shed.



On motion of Commissioner Dimock, it was

Resolved, That the designations of the following styled officers and employes of the Department be and hereby are changed, as follows, to take effect from and after January 1, 1881, to wit:

Superintendent of Docks to be Corporation Wharfinger.

2 Assistant Engineers to be Superintendents of Section.

2 Assistant Engineers to be Assistants to Superintendent.

Superintendent of Masonry to be Master Mason.

Superintendent of Construction to be Master Dockbuilder.

On motion of Commissioner Laimbeer, it was

Resolved, That the Engineer-in-Chief be and hereby is directed to report to this Board to what extent the resolutions adopted November 5 and 17, 1880, relating to the improvement of the Twenty-third street section of the North river water-front, have been carried out.

Commissioner Laimbeer offered for adoption the following resolution :

Resolved, That the resolution of this Board, adopted May 29, 1878, relating to pay of compensation to any employe of the Department during sickness, be and hereby is rescinded.

Commissioner Dimock moved as a substitute the following resolution :

Resolved, That the said resolution of May 29, 1878, be and hereby is amended, so as to provide that any employe shall not receive compensation for a longer period of absence from duty by sickness than one week, instead of two weeks as therein stipulated.

The ayes and noes being called for and taken on the substitute, it was adopted by the following vote :

Ayes—Commissioners Dimock and Laimbeer.

No—Commissioner Vanderpoel.

Commissioner Laimbeer offered for adoption the following resolution :

Resolved, That the practice of paying the car fares of the employes of the Department be discontinued from and after this date.

The ayes and noes being called for and taken, the resolution was not adopted by the following vote :

Aye—Commissioner Laimbeer.

Noes—Commissioners Dimock and Vanderpoel.

Commissioner Laimbeer offered for adoption the following resolution :

Resolved, That the question of reducing the force under the Engineer-in-Chief, as designated on the pay-rolls of the Department, be and hereby is referred to a Committee, which shall be composed of Commissioners Dimock and Vanderpoel.

Commissioner Dimock offered as amendment that the Committee consist of the full Board.

The ayes and noes being called for and taken on the amendment, it was adopted by the following vote :

Ayes—Commissioners Dimock and Vanderpoel.

No—Commissioner Laimbeer.

Commissioner Dimock moved, as a further amendment, that the Chairman appoint the Committee.

The ayes and noes being called for on the adoption of the amendment, it was adopted by the following vote :

Ayes—Commissioners Dimock and Vanderpoel.

No—Commissioner Laimbeer.

The resolution as amended was read as follows ;

Resolved, That the question of reducing the force under the Engineer-in-Chief, as designate on the pay-roll of the Department, be and hereby is referred to a Committee to be appointed by the Chair and to be composed of the full Board.

On motion of Commissioner Laimbeer, the following resolution was adopted :

Resolved, That the Engineer-in-Chief be and is hereby requested to report to this Board such examinations, if any, he may have made within the last six months, of the condition of timber in the upper portion of bulkhead construction, and upon which the granite and concrete are placed, and any evidence he may have in regard to the flow of the tide water around and over said timbers, and also whether he is still of the opinion that this is the best and a proper bulkhead for all time to come, and also if in his opinion it would not be the only safeguard for this Department to place all timber connected in any way with the construction below low water mark a sufficient depth to justify a belief that at all times and under any circumstances the timber would be submerged in water, and the depth that would be necessary to go beyond the present mode of construction.

On motion of Commissioner Laimbeer, the following resolution was adopted :

Resolved, That each Corporation Wharfinger be and hereby is directed to record in a proper book, kept for the purpose in such manner as may be indicated by the Chief Clerk, the duty he performs each day, and to file such book with the Board.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held January 16, 1881.

Present—The full Board.

On motion, Commissioner Farnock took the chair.

The minutes of the meetings held the 10th and the 12th instant were read and approved.

The following communications were received, read, and:

On motion, referred to Committee of the full Board:

From Wm. P. O'Flynn & Co.—Asking that a lease be granted them of Pier, new 1, North river.

From Engineer-in-Chief—As to progress of work being carried on by this Department at Twenty-third street section.

From Iron Steamboat Co.—Withdrawing their application for lease of Pier, new 1, North river.

From Henderson Brothers—Asking that additional wharf accommodation be furnished them on the North river, above Twenty-third street.

A communication was received from the Engineer-in-Chief as to the suspension of Peter McDonagh and Isaac Williams, Night Watchmen, and being read, was:

On motion, laid on the table for examination by the Commissioners.

The following communications were received, read, and:

On motion, placed on file, action being taken where necessary, as stated, to wit:

From King, Seaton & Bell—In reference to submitting rate for insurance on derrick, "City of New York."

The Board of Commissioners of Pilots—In reference to alleged dumping of refuse into the North river, from scows in the employ of the Police Department.

From Comptroller—Requesting to be furnished with certain data in reference to wharf property belonging to the city, used for ferry purposes. Referred to the Secretary to prepare a statement in reference thereto.

From Central Railroad Company of New Jersey—Agreeing to pay rent for land under water covered by platform, south side of Pier 8, North river.

From Counsel to the Corporation—Requesting that certain data be furnished him, as to the water-front between Forty-ninth and Fifty-first streets, East river. Referred to the Secretary to obtain and forward the desired information.

From "Atlas" Steamship Co.—Asking for the use temporarily of wharf property, until Pier, new 55, North river, to be constructed by this Department, shall have been completed for their use. Secretary directed to advise in reply that this Department has no wharf property at its disposal at present, suitable for the use of said company.

From J. Schwarzwalder & Sons—For a lease of Pier at Fifty-first street, North river. Secretary directed to advise in reply that the said pier cannot be leased, except at public auction, and

that this Department will offer at public sale, leases of wharf property, very soon, including the pie referred to.

From Engineer-in-Chief, as follows :

1st. Report as to work performed during the week ending January 15, 1881.

2d. Submitting plans and specifications for building Pier, new 56, North river. Secretary directed to have a sufficient number of proposals for doing said work printed and submitted to the Board for approval.

The Treasurer stating that the insurance against fire on the derrick "City of New York," to the amount of \$75,000 would expire 25th instant ;

On motion, the subject of effecting renewed insurance on said derrick was referred to the Treasurer with power.

The application of the Twenty-third Street Ferry Co. for use of bulkhead between Twenty third and Twenty-fourth streets, East river, and the communication from the Department of Public Works in reference thereto, were,

On motion, taken from the table and referred to a Committee of the full Board.

Commissioner Laimbeer offered the following resolution :

Resolved, That David T. Keiller, Draughtsman, be and hereby is suspended from duty.

On motion, the resolution was referred to a Committee of the full Board for consideration.

A communication was received from the Engineer-in-Chief announcing the death on the 4th of December last of Moses S. Barrett, in the employ of the Department as Surveyor, of typhoid fever and, being read,

On motion of the Chair, the following resolutions were unanimously adopted :

Resolved, That the sympathy of this Board be extended to the family of the late Moses S. Barrett, Surveyor of the Department, in their bereavement by his sudden death.

Resolved, That the Board most heartily enters upon its records this minute, to bear witness to the faithfulness with which its late Surveyor performed his every official duty, to the apprehension that a long time must elapse before the responsible position he occupied can be filled with equality and judgment, and to the high esteem in which the members of the Board and his late associates in the Department hold in memory his many manly virtues, so uniformly experienced during an official intercourse extending over a period of several years.

A communication was received from the Engineer-in-Chief, announcing the death on the 16th instant, of James O'Brien in the employ of the Department as Roundsman, from pleuro pneumonia, contracted in the discharge of his duty, and, being read,

On motion of the Chair, the following resolutions were unanimously adopted :

Resolved, That by the death of James O'Brien, Roundsman, this Department has lost a valuable and most efficient officer.

Resolved, That this Board in extending its sympathy to the family of the deceased in their affliction, desires to most kindly remind them of the great consolation to be had from the knowledge that their departed member performed all his official duties most faithfully, and that in their discharge for a term exceeding five years' duration, he exhibited the highest qualities of moral courage and integrity, to which fact this Board most heartily testifies.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held January 21, 1881.

Present-- The full Board and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

Four bids or estimates were received for furnishing material and labor for removing part of pier at Twenty-fifth street, North river, and building Pier, new 55, North river, as follows, to wit:

|  |             |
|--|-------------|
| No. 1, from Joseph Walsh, for .....                | \$68,500 00 |
| No. 2, from Holmes Brothers, for .....             | 62,800 00   |
| No. 3, from P. S. Ross & J. B. Sandford, for ..... | 64,500 00   |
| No. 4, from John Gillies, for .....                | 62,957 00   |

—and being read, were,

On motion, laid on the table, and the Secretary directed to address a communication to the Counsel to the Corporation, stating that four estimates for building Pier, new 55, North river, were received and opened this day, and that the estimate of Holmes Brothers, for \$62,800, is the lowest, that Jennie E. Richardson, one of the sureties offered on said estimate, is the same person whose adequacy and sufficiency the Comptroller, refused to approve upon an estimate from said Holmes Brothers, for doing the same work, opened on November 24, 1880, and which estimate was rejected by this Department, and the work readvertised for, pursuant to an opinion from the Law Department, rendered 10th instant, and requesting him to advise this Board in writing, as to its duty, in relation to said estimate.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held January 26, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 19th and 21st instant were read and approved.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Phelps Brothers & Co.—Requesting certain information in reference to a lease of Pier, new 1, North river. Applicants informed, first, that if the Commissioners should decide to lease said pier for a term of years, the lease will probably be offered at public sale, but the time of holding said sale cannot now be determined ; second, that if a lease of said pier be offered at public sale it will merely be the right to collect such legal wharfage as may accrue at the pier, and without the privilege of erecting a shed thereon ; but this Department would probably grant permission to the purchaser of the lease to erect a shed upon the premises ; third, that the depth of water existing at the pier is about twenty-one feet at mean low water ; Fourth, that the Commissioners at present are unable to state at what time the building of Pier, new 2, North river, will be commenced by this Department ; and, fifth, that in case a lease of Pier, new 1, North river, should be offered at public sale, it would be stated in the advertisement what repairs to the pier the lessee would be obliged to make at his own cost and expense, but it would probably be determined, in reference to this, the only stone pier owned by the city, that the necessary repairs thereto would be done by this Department.

From Department of Taxes and Assessments—Requesting to be furnished with copies of permits issued by this Department to private parties for the building of sheds, bulkheads, etc. Secretary directed to forward copies of permits in accordance with said request.

From Martin Karl, lessee of pier at Fifty-first street, North river—Requesting that an allowance be made to him for loss of wharfage in consequence of mooring of floating bath thereat, from September 1st to October 16th last. Application denied, inasmuch as the allowance made for the mooring of said floating bath in the sum of \$300 by resolution of the Board, adopted May 19, 1880, was in full for the whole season.

From Comptroller—Approving of sureties to estimate of Cape Ann Granite Co., for furnishing granite stones for bulkhead or river wall, publicly opened on the 5th instant.

From David J. Dean, Assistant to Counsel to the Corporation—In reference to sureties offered on estimate of Holmes Brothers, for building Pier, new 55, North river.

From Thomas Cornell, President, and others—For a lease of new pier to be built by this Department, on the site of Pier, old 34, North river. Applicants informed that only the upper half of said pier belongs to the Corporation, and that the lower half is claimed as private property, that the lines and location of the proposed pier have not as yet been definitely determined upon, and that the Department cannot now state at what time it will be prepared to make a lease of the pier.

From Engineer-in-Chief, as follows :

1. Report as to work performed during week ending January 22, 1881.
2. As to condition of timbers in bulkhead wall, constructed by this Department.

From Charles H. Gardner, applying for position in the Department.

From John Atkinson, asking for appointment as Roundsman.

From Charles Clarke, asking for appointment as Roundsman in the Department.

Applications were received from Geo. S. Scott, President of the Iron Steamboat Company, and Rufus Hatch, for a lease of Pier, new 1, North river, and, being read, were,

On motion, referred to a Committee of the full Board.

On motion, the bids received on 21st instant, for removing part of pier at the foot of Twenty-fifth street, North river, and building Pier, new 55, North river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for removing about 190 feet in length of the outer end of the pier at the foot of West Twenty-fifth street, North river, and preparing for and building a new wooden pier near the foot of West Twenty-fifth street, to be known as Pier, new 55, North river, be and is hereby awarded to Holmes Brothers, of 220 William street, their bid for doing said work being the lowest under proposals publicly opened the 21st instant.

The application of R. J. Cortis, agent, Oceanic Steam Navigation Company, asking that consent be given for the subletting of Pier, new 44, North river, was,

On motion, taken from the table, and the following preamble and resolution adopted :

Whereas, An application has been received from R. J. Cortis, agent, Oceanic Steam Navigation Company, for permission to sublet a portion of the premises leased to said company by this Department, under lease dated June 8, 1874 ; therefore

Resolved, That leave and consent be and hereby is given to the Oceanic Steam Navigation Company (Limited) to underlet Pier, new 44, North river, to the Citizens' Steamboat Company of Troy.

The Auditing Committee presented an audit of 14 bills or claims, amounting to the sum of \$13,846.27, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Secretary was directed to request the several applicants for leasing Pier, new 1, North river, to call upon the Commissioners in reference to the same.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held February 2, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held January 26th ultimo were read and approved.

A communication was received from A. M. Pentz & Company, in reference to the shoaling of the slip at West Eleventh street, North river, in consequence of the dumping thereat of snow and ice mixed with dirt, and, being read, was,

On motion, laid on the table, and applicants requested to advise this Department of the name of the parties dumping said material at the premises referred to, in order that this Board may take action to prevent such dumping in the future.

An application was received from the New York, New Haven and Hartford Railroad Company, occupants of water-front on the upper side of Harlem river, north of Willis avenue, for permission to excavate a portion of the premises by dredging, so as to provide an additional slip for the accommodation of their boats, used for transferring railroad cars, and, being read, was,

On motion, laid on the table, and the Secretary directed to address a communication to the Commissioners of the Sinking Fund, advising that the premises sought to be improved lie inside of the bulkhead line, as established by law, and are also within the line of the bulkhead as at present existing, and the title to the said property, it is believed, is not vested in the city, and that, as the proposed slip is to be used by said railroad company for the transfer of its railroad cars to and from Jersey City, with passengers and freight, the premises, when improved, may be considered by the Honorable Board as ferry property, this Department would be pleased to receive from the Honorable Body any suggestions in reference to the application of said company, before action thereon is taken by this Board.

A report was received from the Engineer-in-Chief in reference to the extension of Pier, old 14 North river, and, being read, was,

On motion, referred to a Committee of the full Board.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Counsel to the Corporation—Opinion as to the action to be taken by this Department in reference to the sureties offered by Holmes Brothers, contractors for building Pier, New 55, North river.

From Comptroller—Advising that Holmes Brothers are not in default or arrears to the Corporation.

From Holmes Brothers—Accepting award of contract for building Pier, new 55, North river, under estimates publicly opened 21st ultimo.

From Comptroller—Returning the estimate of Holmes Brothers for building Pier, new 55, North river, without his approval of the sureties thereto.



From Engineer-in-Chief, as follows :

1st. Report as to work performed during the week ending January 26, 1881.

2d. Submitting forms of contracts and specifications for furnishing Portland cement, sand, lumber, spikes, rope, small cobble, rip-rap, and broken stone. Secretary directed to have a sufficient number of proposals for furnishing said materials printed and submitted to the Board for approval.

From Jeremiah O'Brien—Asking for appointment as Roundsman in the Department.

A communication was received from Julius Jonson in reference to location of platform between One Hundred and Eighteenth and One Hundred and Nineteenth streets, Harlem river, and, being read,

On motion, it was

Resolved, That the resolution adopted December 23, 1880, whereby permission was granted to Julius Jonson to erect a platform on piles, between One Hundred and Eighteenth and One Hundred and Nineteenth streets, Harlem river, and amended January 12, 1881, be and hereby is further amended so as to permit of said platform being located at about 43 feet 11 inches, instead of 50 feet 11 inches, north of the northerly line of One Hundred and Eighteenth street extended.

James Fitzpatrick, Corporation Wharfinger for the District, having reported that the spring piles at the outer end of pier at Thirtieth street, North river, were broken, and needed to be replaced,

On motion, the following resolution was adopted :

Resolved, That Thomas Fitzpatrick, lessee of pier at Thirtieth street, North river, be and is hereby directed to remove the spring piles which were cut off by floating ice from the southwest corner of said pier, and repair the outer end thereof ; James Fitzpatrick, Corporation Wharfinger for the District, having reported such repairs to be necessary ; and that in case said lessee shall neglect or refuse to make such repairs within ten days from receipt of this notice, then this Department will proceed to do the work at his cost and expense, in accordance with the provisions of his lease.

On motion, the Engineer-in-Chief was directed to remove a broken pile from slip at north side of Twenty-sixth street, North river, and also one from slip at north side of pier at Thirtieth street, North river, the same being dangerous to vessels.

The Secretary submitted a printer's proof of the estimate for proposals for building Pier, new 56, North river, in conformity with the specifications for the work, as submitted by the Engineer-in-Chief on 19th January ultimo, and being examined and approved,

On motion, the Secretary was directed, upon the approval of the form of contract by the Counsel to the Corporation, to have proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

On motion, the following resolutions were adopted :

Resolved, That the action of the Commissioners in directing the name of James O'Brien, the late Roundsman of the Department, to be placed upon the pay-roll for the month of January.

for sixteen days, to the date of his death, be and hereby is approved and confirmed ; and that the force and effect of the resolution of the Board, adopted May 29, 1878, and amended January 12 1881, is deemed and held to have been suspended in this instance.

Resolved, That the Counsel to the Corporation be and hereby is respectfully requested to advise this Board in writing, whether the provisions of subdivision 4, of chapter 580, of the Law of 1872, requiring a limited reservation of thirty per cent. from all payments made under contract for local improvements in this city, apply to contracts made by this Department for repairing corporation wharf property or for constructing any portion of the work for the permanent improvement of the water-front, under plans adopted by authority of section 6, of chapter 574, Laws of 1871 ; the Board being of the opinion that the cost and expense of all work of the Department done by contract would be considerably enhanced by the retention of so large a part of the payments becoming due thereunder.

Resolved, That David T. Keiller, Draughtsman, be and hereby is suspended from duty, from 1st instant until 31st proximo, inclusive, without pay.

Commissioner Laimbeer offered for adoption the following resolution :

Resolved, That this Board deems it inexpedient at this time to lease Pier, new 1, North river because of the necessity existing for a landing-place in that part of the city for passenger-steam boats, and vessels engaged in river and general commerce.

The ayes and noes being called for and taken on the resolution, was not adopted, by the following vote :

Aye—Commissioner Laimbeer.

Noes—Commissioners Vanderpoel and Dimock.

Commissioners Laimbeer and Vanderpoel, appointed as a Committee, on December 23, 1880 to consider the application of the Hudson Tunnel Railway Co., for a lease of water-front between Morton and Leroy streets, North river, and land lying under water outside of the bulkhead between said streets, presented a report upon said application which, being read, was,

On motion, laid on the table, until the lease and bond to be executed by said Company, and which the Commissioners, on January 7th last, requested the Counsel to the Corporation to prepare shall be received by this Board.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held February 7, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, advising substitution of William H. Adams as surety on estimate of Holmes Brothers, in place of Jennie E. Richardson, and being read,

On motion, it was

Resolved, That in compliance with the requirements of section 27 of chapter VIII. of the Revised Ordinances of the City of New York, consent is hereby given to the substitution of William H. Adams in place of Jennie E. Richardson, as surety to the contract awarded under this estimate for removing part of old pier at foot of West Twenty-fifth street, and building Pier, new 55, N.R.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held February 9, 1881.

Present—The full Board and Richard A. Storrs, representing the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Six estimates were received for furnishing material and labor for repairing Pier 12, E. R., and the adjoining bulkhead, as follows :

|   | Class 1.<br>Dredging<br>Crib-work.<br>Per Cu. Yd. | Class 2.<br>Dredging<br>Mud.<br>Per Cu. Yd. | Class 3.<br>Pier and Bulk-<br>head complete. |
|---|---|---|--|
| No. 1, from John Gillies.....                     | \$1 20  | \$0 40                                      | \$18,000 00                                  |
| " 2, " Joseph Walsh.....                          | 99  | 27  | 17,500 00                                    |
| " 3, " S. A. Jenks and Ed. A. Fearon.....         | 95  | 25  | 19,030 00                                    |
| " 4, " John W. Flaherty and Thomas O'Connell..... | 1 22  | 43  | 17,475 00                                    |
| " 5, " Warren Roosevelt.....                      | 1 20  | 40  | 15,385 00                                    |
| " 6, " P. S. Ross and J. B. Sanford.....          | 1 25  | 40  | 17,000 00                                    |

And, being read, were,

On motion, laid on the table for examination.

On motion the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held February 9, 1881.

Present—The full Board.

On motion Commissioner Dimock took the chair.

The minutes of the meeting held the 2d instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From Department of Public Charities and Correction—To have repairs made to the Coal Dock at Randall's Island, East river. Commissioners to visit the premises.

From Engineer-in-Chief—Report as to cost of making repairs to Coal Dock at Randall's Island East river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From A. M. Pentz & Co.—In reference to the dumping of dirt, mixed with snow and ice, into the river at West Eleventh street ; and

From Board of Commissioners of Pilots—In reference to refuse, mixed with snow and ice dumped into the East river, at the foot of Market and Wall streets. Secretary directed to forward copies of said communications to the Police Department, and to state that in consequence of such practice the depth of water in the slips on the water-front is materially lessened, and great expense is subsequently incurred by dredging, in order to secure a sufficient depth of water for the vessels berthed therein, and that in the present complaints, the charge is distinctly made that the dumping of said refuse, etc., is principally done by the Street Cleaning Bureau of the Police Department, which is in violation of law, and that this Department desires to enter its protest against the practice complained of, and presumes that the knowledge of the facts as stated will cause such action to be taken by the Police Department as will prevent a recurrence of such illegal dumping in the future.

From Engineer-in-Chief—Report as to work performed during the week ending February 5 1881.

From Department of Public Works—Requesting that it be furnished with the number of cubic feet of gas consumed in the offices of the Dock Department during the year 1880. Secretary directed to forward a statement as desired.

From John J. Moran—Applying for position as Roundsman in the Department of Docks.

The Auditing Committee presented an audit of thirty bills or claims, amounting to the sum of \$6,580.83, and being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

The Committee of the full Board, appointed on January 5th last, to consider the proposition of John E. Walsh to construct a section of the bulkhead wall by means of his coffer dam, recommended that said proposition cannot be accepted, as, in their judgment, whenever this Department ceases to

construct the bulkhead wall itself, a contract should be regularly advertised and let to the lowest bidder.

On motion, the report of the Committee was accepted and adopted.

A communication was received from the Engineer-in-Chief, as to change in lines of Pier, new 25, North river, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, This Board deem it advisable to make, and have decided upon an alteration and change in the dimensions and location of the proposed new Pier 25, North river, from the lines therefor, as laid down upon the plans adopted by the Department April 13, 1871 ; therefore,

Resolved, That the Commissioners of the Sinking Fund be and hereby are respectfully requested, in pursuance of the provision of chapter 738, Laws of 1872, to consent to and approve of the width, length, and location of the said proposed Pier, new 25, North river, being so altered and changed from the lines therefor, as laid down on the plans adopted by this Department and approved by the said Commissioners of the Sinking Fund on April 27, 1871, as to establish the northerly line of said pier, 54 feet northwardly of the northerly line therefor, as now established, on the established bulkhead line, and on the established exterior pier line, 66 feet northwardly of the point now established therefor ; and to make the width of said Pier, new 25, N. R., 75 feet, instead of 80 feet ; and its length 558 feet, instead of 560 feet ; the said northerly line hereby adopted, on the established bulkhead line, being 156 feet 8 inches southwardly of the southerly line established for Pier, new 26, North river, by the said Commissioners of the Sinking Fund, on June 3, 1879.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held February 15, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, stating that Warren Rosevelt is not in default or arrears to the Corporation, and, being read, was,

On motion, placed on file.

A communication was received from David Whipple, representing Moses Taylor and others, owners of the easterly half of Pier 12, East river, stating that the estimate received from Warren Rosevelt for repairing Pier 12 and its adjacent bulkhead, East river, was satisfactory to him and to those he represents, and, being read, was,

On motion, placed on file.

On motion, the estimates received and publicly opened the 9th instant, for repairing Pier 12 and its adjacent bulkhead, East river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for repairing Pier 12 and its adjacent bulkhead, East river, be and hereby is awarded to Warren Rosevelt, of 257 South street, his bid for doing said work being the lowest under estimates publicly opened the 9th instant ; the Comptroller having advised in writing, at date, that said bidder is not in default or arrears to the corporation : and David Whipple, representing Moses Taylor and others, owners of the easterly half of said pier, having notified this Board, in writing on the 10th instant, that the said estimate is satisfactory to the said owners.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks held February 16, 1881.

Present—The full Board, and Henry J. Storrs, representing the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Three estimates were received for furnishing labor and material for removing old Pier at West twenty-sixth street, North river, and building Pier, new 56, North river, as follows :

|  |             |
|--|-------------|
| 10. 1, from John W. Flaherty, for .....        | \$62,475 00 |
| " 2, " P. S. Ross and J. B. Sanford, for ..... | 53,400 00   |
| " 3, " Jos. Walsh, for .....                   | 54,500 00   |

And, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held February 16, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 7th and 9th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table, to await action as stated, to wit :

From Charles H. Eldridge—For permission to place platform for the landing of ice at Pier at Fifty-third street, East river. Secretary directed to inform Henry Wilson, of Fifty-third street, East

river, of the nature of said application, and to request him to call upon the Commissioners in reference to the same.

From George S. Thompson --For lease of bulkheads at Forty-ninth and Fifty-first streets, East river.

The following communications were received, read, and.

On motion, placed on file, action being taken where necessary as stated, to wit :

From S. L. Merchant --Requesting to have a test made of one barrel of his new brand of German Portland Cement. Application granted, and the Engineer-in-Chief directed to make a test of said cement and report quality, etc.

From Comptroller--In reference to certain data concerning the ferries leased by the city : Secretary reporting that the same had been furnished.

From Engineer-in Chief --Report as to work performed during the week ending 12th February, 1881.

From Compagnie Générale Transatlantique, lessee of Pier, new 42, North river, to have the approach to said pier repaired by this Department.

From John E. Walsh --In reference to his application for building a section of the bulkhead wall by use of his coffer dam.

A report was received from James Fitzpatrick, Corporation Wharfinger, as to damage done by floating ice to piers at Forty-sixth and Forty-seventh streets, North river, and, being read,

On motion, the following resolutions were adopted :

Resolved, That John H. Benner, lessee of Pier at Forty-sixth street, North river, be and hereby is directed to make the necessary repairs to the outer end of said pier ; James Fitzpatrick, Corporation Wharfinger for the District, having reported that about thirty feet of the outer end of said pier having been carried away by floating ice on the 14th instant, and should be repaired at once ; and that in case said lessee shall neglect or refuse to make such repairs within ten days from receipt of this notice, then this Department will proceed to do the work at his cost and expense, in accordance with the provisions of his lease.

Resolved, That Thomas Fitzpatrick, lessee of Pier at Forty-seventh street, North river, be and hereby is directed to replace three spring piles, which were cut away from the northwest corner, outer end, of said pier by floating ice on the 14th instant ; James Fitzpatrick, Corporation Wharfinger for the District, having reported such repairs to be necessary ; and that in case said lessee shall neglect or refuse to make such repairs within ten days from receipt of this notice, then this Department will proceed to do the work at his cost and expense, in accordance with the provisions of his lease.

A report was received from John M. Smith, Corporation Wharfinger, as to damage done by floating ice to Pier at West Eleventh street, North river, and, being read,

On motion, the following resolution was adopted :

Resolved, That Charles E. Boardman, lessee of Pier at West Eleventh street, North river, be and hereby is directed to replace fifteen piles at said pier, which were broken by floating ice on the 15th instant ; John M. Smith, Corporation Wharfinger for the District, having reported such repairs to

be necessary ; and that in case said lessee shall neglect or refuse to make such repairs within ten days from receipt of this notice, then this Department will proceed to do the work at his cost and expense, in accordance with the provisions of his lease.

On motion, John Butler, Corporation Wharfinger for the District, was directed to cause the removal of coal derricks now upon Piers at Thirty-first and Thirty-second streets, East river.

On motion, the Secretary was directed to request the Commissioners of Public Charities and Correction to call upon the Commissioners of this Department in reference to the repairs required to the dock at Randall's Island, East river.

The Secretary submitted printer's proofs of the estimates for proposals for furnishing 4,000 barrels Portland cement, small cobble, rip-rap, and broken stone, and sand, and lumber, spikes, and rope, for constructing and repairing purposes, in conformity with the specifications for the materials to be furnished, as submitted by the Engineer-in-Chief on 2d instant, and, being examined and approved,

On motion, the Secretary was directed, upon the approval of the forms of contracts by the Counsel to the Corporation, to have proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held February 23, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 15th and 16th instant were read and approved.

A communication was received from the Union Stock Yard and Market Co., for a lease of land under water at Fifty-eighth street, North river, for the construction of a pier thereat, and, being read, was,

On motion, referred to a Committee of the full Board.

A communication was received from the Comptroller, requesting that a statement of upset prices or yearly rental value, of wharf property occupied by the following ferries, be furnished him, viz. :

#### ON THE EAST RIVER.

By the Union Ferry Co., foot of Fulton street.

By the Wall Street Ferry, foot of Wall street.

By the Whitehall Street Ferry, foot of Whitehall street.

By the Catharine Street Ferry, foot of Catharine street.

By the Harlem River Ferry, at Second avenue and Harlem river.



## ON NORTH RIVER.

By the Manhattanville Ferry to Fort Lee, foot of One Hundred and Twenty-ninth street, and being read, was,

On motion, referred to a Committee of the full Board.

An application was received from H. L. Hoguet, for permission to fill-in water front between One Hundred and Fortieth and One Hundred and Forty-second streets, North river, and, being read, was,

On motion, laid on the table, and the Engineer-in-Chief directed to examine and report on the condition of said premises.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Warren Rosevelt --Accepting award of contract for building Pier 12, East river, and its adjacent bulkhead, under bids publicly opened the 9th instant.

From Comptroller--Approving of sureties to contract of Holmes Brothers for building Pier, new 55, North river.

From Counsel to the Corporation - In reference to form of proposals for furnishing cement, stone, sand, etc.

From McGrath, Gedney, and others--To have obstructions removed from the bulkhead between Barrow and Morton streets, North river. Corporation Wharfinger for the District directed to enforce the rule of the Department at the aforesaid premises in reference to goods remaining upon piers and bulkheads forty-eight hours after notice has been given for their removal.

From John Duffy--For permission to place two coal derricks upon Pier at Thirty-second street, East river. Applicant informed that this Department has no objection to his placing two derricks upon said pier for the discharging of coal boats, provided he shall place on said pier a platform for the use of horses hoisting cargo, which shall be constructed of plank of not less than three inches in thickness.

From Henderson Brothers, requesting that the Croton water supply-pipe, at Pier, new 46, North river, occupied by them, be repaired. Applicants informed that as lessees of said Pier, they are expected to keep the premises in proper repair at their own cost and expense, in accordance with the provisions of their lease.

From James Fitzpatrick, Corporation Wharfinger, reporting that about 60 feet of the outer end of Pier at Twentieth-second street, North river, and about 65 feet of the outer end of Pier at Twentieth street, North river, had been carried away by floating ice on the 17th instant. A. Van Santvoord, lessee of Pier at Twenty-second street, North river, and the Knickerbocker Ice Co., lessee of Pier at Twentieth street, North river, notified and directed to make the necessary repairs to said piers, in accordance with the provisions of their leases.

From Engineer-in-Chief, as follows :

1. Report as to work performed during the week ending February 19, 1881 :

2. Reporting that he had suspended Edward Barry, Night Watchman, for having been found asleep while on duty at his post. Action confirmed and the said watchman discharged.

A communication was received from the Comptroller, stating that Ross & Sanford, contractors are not in default or arrears to the Corporation, and, being read,

On motion, the bids received and publicly opened the 16th instant, for removing the old Pier at the foot of West Twenty-sixth street, North river, and building Pier, new 56, North river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for removing the old Pier at the foot of West Twenty-sixth street North river, and preparing for and building a new wooden Pier near the foot of West Twenty-sixth street, to be known as Pier, new, 56, North river, be and is hereby awarded to Ross & Sanford of 104 Hudson street, Jersey City, N. J., their bid for doing said work being the lowest under estimates publicly opened the 16th instant, and the Comptroller having advised in writing the 17th inst. that said parties are not in default or arrears to the Corporation.

The Auditing Committee presented an audit of fifteen bills or claims, amounting to the sum of \$10,490.30, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

The communication from the Department of Public Charities and Correction, to have repairs made to the Coal Dock at Randall's Island, East river, and the report of the Engineer-in-Chief in reference thereto, were,

On motion, taken from the table and placed on file, and the Secretary directed to advise said Department that the Commissioners of this Board have made a personal examination of said premises, and that, in their opinion, it is not within the duty of this Department to make the repairs referred to, and consequently their request cannot be complied with.

A communication was received from the Iron Steamboat Company, requesting that a lease of Pier, new 1, North river, be offered at public sale, and, being read, was,

On motion, laid on the table for consideration.

An application was presented by Gideon B. Massey and others, for permission to moor at the Battery a grand floating palace, and the applicants being heard at length in reference to the same

Commissioner Laimbeer moved that the said application be denied, for the reason that the Department cannot permit the existence of any obstructions to navigation at that point.

The applicants urging that no adverse decision be arrived at by the Commissioners, until a full hearing of the subject be first had,

Commissioner Laimbeer consented that his motion to deny the application be laid over to allow the petitioners a further hearing on the 28th instant, at 11 o'clock A. M.

Commissioner Laimbeer offered for adoption the following resolutions :

Resolved, That the lessees of piers built upon the new plan be and hereby are requested and notified to cause the removal, within ten days after the receipt of this notice, of all goods, wares, merchandise, or other property discharged at their respective piers and now incumbering the ground reclaimed by this Department for the widening of West street, and that a failure or neglect, for

any cause, to comply herewith, will create a liability to a penalty of \$50 per day, for each lot of such property, for each and every day it shall be permitted to remain on any portion of said ground after the expiration of said ten days ; and, further,

Resolved, That the said lessees be and hereby are further notified and informed that no goods, wares, or merchandise discharged at their respective piers will be permitted hereafter to be placed upon any portion of said ground, and that the Corporation Wharfinger for the District is instructed to cause this order to be strictly enforced in every case.

Commissioner Dimock moved, as an amendment, that the ground reclaimed by this Department from the west line of West street to a point 50 feet inside of the established bulkhead line be exempt from the operation of this resolution for the present.

The ayes and noes being called for and taken on the amendment, it was not adopted by the following vote :

Aye—Commissioner Dimock.

Noes—Commissioners Vanderpoel and Laimbeer.

The ayes and noes being called for and taken on the resolution, it was adopted by the following vote :

Ayes—Commissioners Vanderpoel and Laimbeer.

No—Commissioner Dimock.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a special meeting of the Board of Docks, held February 28, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A list of ninety-one lots of wharf property, the leases for which can be disposed of to attach from and after 1st May next, was submitted, and, after being considered,

Commissioner Dimock offered the following resolution :

Resolved, That James M. Oakley & Co., auctioneers, be and hereby are authorized and directed to offer at public sale, to be held on Tuesday, March 22, 1881, at 12 o'clock M., for purchase by the highest bidder, the right to collect and retain all wharfage accruing at certain seventy-nine lots of Corporation piers and bulkheads, the leases of which have already expired or will terminate on or prior to May 1, 1881, as designated by the Commissioners, subject to the terms and conditions set forth in the form of advertisement, as adopted by this Board, and the Secretary directed to cause the notice of sale to be published for ten days in the CITY RECORD and other newspapers designated by law for Corporation notices, and in the "New York Herald,"

Commissioner Laimbeer moved that Pier 40 and half of the bulkhead easterly, East river be added to the list, and that the name of Daniel H. Burdett be substituted as auctioneer for that of James M. Oakley & Co., but, after some discussion, it was deemed advisable to defer offering lease of said Pier 40 until a subsequent sale, and the amendment not being seconded,

On motion, the resolution of Commissioner Dimock was adopted.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tem.

At a meeting of the Board of Docks, held March 2, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 23d ultimo were read and approved.

An application was received from A. Van Santvoord for permission to extend and widen Pier at Twenty-second street, North river, leased by him, and also to make an addition to the existing shed thereat, and, being read,

On motion, the following resolution was adopted:

Resolved, That permission be and hereby is granted to A. Van Santvoord, lessee, to widen Pier at Twenty-second street, North river, to a width of sixty feet, and to extend it westerly to the established pier-line, at the same width, the northerly line of the pier so improved to be the northerly line of said street, extended; provided that the said lessee shall agree in writing, within five days after receipt hereof, that the said widening and extension shall be made free of cost and expense to the Corporation of the City of New York, and at the expiration or sooner termination of the lease for the said pier, the said improvements shall revert to and become vested in the said Corporation, free of all claims for construction or otherwise; and further permission is also granted to make, free of cost and expense to the said Corporation, such extensions to the shed now existing on the said pier as may be required to afford proper protection to passengers and freight, provided that the work shall be done in conformity with the requirements of chapter 249, Laws of 1875; and it is understood that all the improvements hereby granted shall be made upon plans to be first approved by the Engineer-in-Chief of this Department, and that the work shall be done under the supervision of that officer.

The following communications were received, read, and,

On motion, laid on the table, to await action, as stated, to wit:

From New York and Manhattan Real Estate Association—In reference to lease of offices of the Department at 117 and 119 Duane street, from May 1, 1881.

From New York Life Insurance Company—In reference to offices for the Department at 346 and 348 Broadway.

From Engineer-in-Chief—As to condition of water-front between One Hundred-and-fortieth and One Hundred-and-forty-second streets, North river. Henry L. Hogue, applicant for permission to fill in said premises, requested to call upon the Commissioners in reference to the same.

From A. Van Santvoord and H. P. Farrington—In reference to the width and location of Pier, new 29, North river, to be leased to them, when built by this Department.

From P. White's Sons—In reference to condition of pier at Thirty-eighth street, North river, occupied by them. Engineer-in-Chief directed to examine the premises, and report the repairs required to be made thereto.

From John H. Benner, lessee—In reference to the repairs ordered by this Department to be made to Pier at Forty-sixth street, North river. Engineer-in-Chief directed to examine and report the repairs necessary to be made.

From Lavinia Gould—For permission to erect bulkhead between One Hundredth and One Hundred-and-first streets, East river. Engineer-in-Chief directed to examine and report the condition of said premises, and water grants, etc.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Ross & Sanford—Accepting award of contract for building Pier, new 56, North river, under estimates publicly opened the 16th ultimo.

From Gideon B. Massey—Withdrawing his application for mooring floating palace at the Battery.

From Enoch Hayeson—Applying for a position in the Department of Docks. Applicant requested to call upon the Engineer-in-Chief.

From Comptroller—Approving of sureties to contracts of Warren Rosevelt for repairing Pier 12, East river, and of Ross & Sanford for building Pier, new 56, North river.

From R. J. Cortis, agent White Star Line—In reference to removal of obstructions on bulkheads, etc., ordered by this Department.

From Charles E. Boardman, lessee—In reference to repairs ordered to be made to Pier at West Eleventh street, North river. Secretary directed to advise in reply that notwithstanding the statements contained in his letter, this Department insists that the repairs to the said pier, which he as lessee is bound to make at his own cost and expense, shall be done without delay.

From John E. Walsh (presented in person)—In reference to his application for building section of bulkhead wall by use of his coffer dam.

From Engineer-in-Chief, as follows :

1st. Report, as to work performed during the week ending February 26, 1881.

2d. Reporting the cost of repairs made to Pier 61, East river.

Treasurer to send statement in the sum of \$253.03, cost of said repairs, to Isaac Fowler, lessee of said pier, for payment.

3d. As to repairs ordered to be made to pier at Forty-seventh street, North river, by the lessee. Engineer-in-Chief directed to replace 3 spring piles at said premises, and report cost of doing the work, in order that the same may be collected from Thomas Fitzpatrick, lessee.

4th. As to repairs ordered to be made to pier at Forty-sixth street, North river.

A communication was received from William H. Thompson & Co., in reference to refuse mixed with ice and snow dumped by the Police Department into the river, at Pier, new 1, North river, and, being read,

On motion, the following resolution was adopted :

Resolved, That the permission granted to the Police Department under resolution of this Board, adopted November 24, 1880, for the dumping of snow and ice into the river from certain piers and bulkheads, be and the same is hereby withdrawn, and that hereafter the dumping from piers and bulkheads, into the river, of snow and ice, or other material, will not be permitted.

On motion, the Engineer-in-Chief was directed to notify the watchmen of the Department of the above resolution.

The Committee of the full Board, to whom was referred the communication from the Finance Department, requesting to be furnished with a statement of upset prices or yearly rent values of all such Corporation wharf property as is used or required for certain stated ferries, reported orally, that they had carefully considered the subject and recommended to the Board that the following upset prices be fixed for the several lots of wharf property mentioned, to wit :

For Fulton Ferry, about 153½ feet of bulkhead, and exclusive use of the water in front thereof, between Piers 21 and 22, East river, and, at the Brooklyn terminus, about 216 feet of bulkhead, and exclusive use of the water in front thereof, adjacent to the westerly side of the foundation wharf structure of the Bridge pier, \$25,000 per annum.

For Wall Street Ferry, about 84 feet of bulkhead, and exclusive use of the water in front hereof, between Piers 15 and 16, East river, \$8,000 per annum.

For Atlantic Avenue and Hamilton Avenue Ferries, about 164 feet of bulkhead, and exclusive use of the water in front thereof, adjacent to the westerly side of Pier 2, East river, \$20,000 per annum.

For Catharine Ferry, about 175½ feet of bulkhead, and exclusive use of the water in front hereof, between Piers 34 and 35, East river, \$10,000 per annum.

For Fort Lee Ferry, about 70 feet of bulkhead, and exclusive use of the water in front thereof, adjacent to north side of the bulkhead extension at One Hundred-and-thirtieth street, North river, \$500 per annum.

For New Haven Railroad Depot Ferry, about 116 feet of bulkhead, at Second Avenue, Harlem river, with the privilege to berth boats side-on only, \$1,000 per annum.

On motion, the report was accepted and adopted, and the Secretary directed to advise the Comptroller thereof.

A communication was received from the Department of Public Works in reference to location of baths during the coming summer, and, being read, was, on motion, placed on file.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held March 9, 1881.

Present—The full Board, and Henry J. Storrs, representing the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Two estimates were received for furnishing about 4,000 barrels of "Portland" cement, as follows, to wit:

|   | Price<br>per bbl. |
|---|-------------------|
| No. 1. From William H. Thompson, for..... | \$2 53            |
| No. 2. From A. C. Babson, for.....        | 2 64              |

—and, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held March 9, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 2d instant being read,

Commissioner Vanderpoel moved that the resolution granting permission to A. Van Santvoord, lessee, to widen and extend the pier at Twenty-second street, North river, and extend shed thereon, etc., be corrected by inserting after the word "provided," on line 14, folio 427 of the Minute Book, the following words: "That all the sheds and other structures upon said pier shall revert to and become the property of the City, free of cost and expense," and,

On motion, the correction was concurred in, and the minutes, so corrected, approved.

A communication was received from William Cull and others, employed by the Department of laborers upon the construction of the bulkhead wall, asking for an increase of wages in consequence of the loss of time in waiting upon the tides, and, being read, was,

On motion, referred to a Committee of the full Board.

A communication was received from the Department of Public Parks, requesting this Department not to make in future any lease conferring the right to moor floats at the foot of the steps at Third avenue bridge, Harlem river, etc., and, being read,

On motion of Commissioner Laimbeer, the following resolution was adopted:

Resolved, That the Department of Public Parks be and hereby is respectfully informed that in accordance with the request contained in its communication of 3d inst., this Department will not

At a special meeting of the Board of Docks, held March 9, 1881.

Present—The full Board, and Henry J. Storrs, representing the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Two estimates were received for furnishing about 4,000 barrels of "Portland" cement, as follows, to wit:

|  | Price<br>per bbl. |
|--|-------------------|
| No. 1. From William H. Thompson, for ..... | \$2 53            |
| No. 2. From A. C. Babson, for.....         | 2 64              |

-and being read, were

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held March 9, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 2d instant being read,

Commissioner Vanderpoel moved that the resolution granting permission to A. Van Santvoord, ~~see~~, to widen and extend the pier at Twenty-second street, North river, and extend shed thereon, ~~be~~, be corrected by inserting after the word "provided," on line 14, folio 427 of the Minute ~~ok~~, the following words: "That all the sheds and other structures upon said pier shall revert to ~~it~~ become the property of the City, free of cost and expense," and,

On motion, the correction was concurred in, and the minutes so corrected, approved.

A communication was received from William Cull and others, employed by the Department as ~~workers~~ upon the construction of the bulkhead wall, asking for an increase of wages in consequence ~~of~~ the loss of time in waiting upon the tides, and, being read, was,

On motion, referred to a Committee of the full Board.

A communication was received from the Department of Public Parks, requesting this Department ~~not~~ to make in future any lease conferring the right to moor floats at the foot of the steps at ~~the~~ avenue bridge, Harlem river, etc., and, being read,

On motion of Commissioner Laimbeer, the following resolution was adopted:

Resolved, That the Department of Public Parks be and hereby is respectfully informed that in ~~accordance~~ with the request contained in its communication of 3d inst., this Department will not ~~after~~ dispose of any lease or privilege giving the right to moor floats at the foot of the steps at



either end of the bridge over Harlem river at Third avenue, it being distinctly understood that the Department of Public Parks, also, shall not hereafter maintain nor dispose of any right to moor floats or other structures at the aforesaid premises.

Henry L. Hoguet appeared in reference to his application for permission to fill in water-front between One Hundred and Fortieth and One Hundred and Forty-second streets, North river, owned by him, and, being heard at length in reference thereto,

On motion, said application was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and hereby is granted to Henry L. Hoguet, owner of water-front, extending from the centre line of One Hundred and Fortieth to the centre line of One Hundred and Forty-second street, North river, to fill in with solid filling, and reclaim the land under water out to a point 50 feet easterly of the established bulkhead line, provided that no other filling be deposited upon the premises under this permission than the iron slag refuse from the iron furnace now located in the vicinity thereof, and that the deposit shall be made within lines fixed and approved by the Engineer-in-Chief of this Department, and the work to be done under the supervision of that officer.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From J. W. Menzie—For permission to place office on bulkhead east of Pier 52, East river. Applicant requested to call and furnish dimensions of the proposed office.

From Engineer-in-Chief, as follows :

1st. Reporting that he had suspended Hugh Buckley, Night Watchman. Secretary directed to notify said Buckley to call upon the Commissioners.

2d. As to repairs required to piers at Forty-sixth street and at Thirty-eighth street, North river. Commissioners to visit the premises.

From Glasco Ice Company—In reference to the use of bulkhead between Fourteenth and Fifteenth streets, North river. Commissioners to visit the premises.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Peter Gilligan—For position as Submarine Diver in the Department. Applicant requested to call upon the Engineer-in-Chief.

From Engineer-in-Chief, as follows :

1st. Report as to work performed during the week ending March 5, 1881.

2d. Submitting form of contract and specifications for repairing Pier 48, East river. Secretary directed to have a sufficient number of proposals for doing said work printed and submitted to the Board for approval.

The Auditing Committee presented an audit of fifteen bills or claims, amounting to the sum of \$19,188.86, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

The Committee of the full Board, to whom was referred the application of the Union Stock Yard and Market Company for lease of land under water at Fifty-eighth street, North river, for the construction of a pier thereat, reported, orally, that they had carefully considered the subject and John B. Dutcher being present and heard on behalf of said company,

On motion of Commissioner Laimbeer, the following resolution was adopted :

Resolved, That the Union Stock Yard and Market Company be and hereby are informed that this Department will grant to the said company a lease, for a term of five years from May 1, 1881 of a pier 300 feet long by 60 feet wide, to be constructed by this Department at Fifty-eighth street North river, at a rent of \$5,000 per annum, payable quarterly in advance, commencing from the date the pier shall be completed, ready for occupancy, provided said company shall, within five days from the date of the receipt hereof, agree, in writing, to pay the said rent, and to execute the lease when prepared and approved as to form by the Counsel to the Corporation.

Commissioner Laimbeer offered for adoption the following resolution:

Resolved, That the Corporation Wharfingers be and hereby are directed to prevent cargo being landed in bulk upon the piers and bulkheads of this city, unless portions of such cargo are being carted away therefrom, excepting such covered piers and bulkheads as are under lease by the Corporation.

The ayes and noes being called for and taken on the resolution, was adopted by the following vote :

Ayes—Commissioners Laimbeer and Vanderpoel.

No—Commissioner Dimock.

On motion, the Engineer-in-Chief was directed to prepare plans and specifications for building pier at Fifty-eighth street, North river, to be 300 feet long and 60 feet wide.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held March 10, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A communication was received from the Comptroller, stating that William H. Thompson was not in default or arrears to the Corporation, and, being read,

On motion, the bids received and publicly opened the 9th instant, for furnishing 4,000 barrels of "Portland" cement, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for furnishing 4,000 barrels of "Portland" cement be and hereby awarded to William H. Thompson of 15 Broadway, his bid for furnishing said material being the lowest under estimates publicly opened the 9th instant, and the Comptroller having advised in writing this day that said party is not in default or arrears to the Corporation.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held March 16, 1881.

Present—The full Board and the Comptroller of the City.

On motion, Commissioner Dimock took the chair.

Nine estimates were received for furnishing materials for construction and repairs, as follows, to wit :

| BIDDERS.                           | CLASS 2.      | CLASS 4.        |               | CLASS 5.             | CLASS 6.   |
|------------------------------------|---------------|-----------------|---------------|----------------------|------------|
|                                    | BROKEN STONE. | A. SPRUCE.      | B. WHITE OAK. | WROUGHT IRON SPIKES. | ROPE.      |
|                                    | 32.00 c. yds. | 117,087'        | 5,120'        | 29,000 lbs.          | 5,884 lbs. |
| No. 1. From A. A. Irvine & Co..... | .....         | .....           | .....         | .....                | 13½        |
| " 2. " John Crouch & Co.....       | .....         | \$20 to \$22.50 | \$45 00       | .....                | .....      |
| " 3. " Whitlock, Slover & Co. .... | .....         | .....           | .....         | .....                | 13½ to 11  |
| " 4. " Paul C. Coffin.....         | .....         | .....           | .....         | 3½, 4, 4½ c.         | 13½        |
| " 5. " Frank L. Froment & Co. .... | .....         | .....           | .....         | 3½ c.                | .....      |
| " 6. " Darius Allen's Sons.....    | .....         | .....           | .....         | .....                | 12¼, 11    |
| " 7. " George J. Goetz.....        | .....         | .....           | .....         | 3 c.                 | .....      |
| " 8. " Thomas J. Crombie.....      | .....         | \$24 50         | \$70 00       | .....                | .....      |
| " 9. " James H. Perkins.....       | 1.79½         | .....           | .....         | .....                | .....      |

—but no bids were received for materials under classes 1 and 3, and, being read, were,

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held March 16, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 28th ultimo and 2d, 9th, and 10th instant, were read and approved.

A communication was received from the Comptroller, inclosing resolution of the Common Council establishing a ferry from the foot of Market street, East river, to the foot of Bridge street, Brooklyn, and requesting to be informed as to the occupancy of said wharf property, etc., and, being read,

On motion, the following resolution was adopted :

Resolved, That the Comptroller be and hereby is respectfully informed, in reply to communication from the Finance Department, dated 10th instant, requesting to be advised of the facts in

relation to the occupancy of the wharf property at the foot of Market street, East river, designated as the landing for the ferry to be run from foot of Bridge street, Brooklyn, established under resolution adopted by the Common Council on 1st instant, that Pier 37 and one-half of the bulkhead easterly, East river, which forms a portion of the Corporation wharf property, at foot of said Market street, is subject to a lease held by the Central Vermont R. R. Steamboat Company, expiring May 1, 1883; that the only dumping board southerly of Jackson slip, on the East river, for the uses of the Police Department, is located on this pier; that Pier 38 and one-half of the bulkhead westerly, East river, which is the remaining Corporation wharf property at foot of said Market street, is subject to lease held by the Maine Steamship Company, expiring May 1, next; that the revenue now derived by the Corporation from these two lots of wharf property exceeds the sum of \$11,000 per annum; and that, in the judgment of this Board, the interest of the Corporation demands that these properties should be continued to be occupied for commercial purposes, and not be set aside for ferry uses, especially when wharf property suitable for such uses, with buildings, etc., all erected, lies unoccupied only about two blocks southwesterly of said Market street,

The following communications were received, read, and,

On motion, laid on the table, to await action, as stated, to wit :

From the West Side Association—In reference to increasing the wharf accommodations at Seventy-ninth and at Ninety-sixth streets, North river. Engineer-in-Chief directed to prepare and submit to the Board plans for improving the piers at Seventy-ninth and Ninety-sixth streets, North river, to give additional wharf facilities at that vicinity.

From F. E. Bean—For permission to maintain the ice bridge and scales now upon pier at Seventeenth street, North river, during the present year. Applicant informed that as soon as definite action is had on his application he will be duly advised.

From Consumers' Ice Co.—For permission to maintain the ice bridge and engine-house now upon bulkhead, between Horatio and Jane streets, North river, during the present year. Applicants informed that as soon as definite action is had on their application they will be duly advised.

From Funch, Edye & Co.—Inclosing plans for the erection of a shed on Pier, new 54, North river, and requesting that a permit be issued by this Department to erect the same. Engineer-in-Chief directed to examine and report on the same.

From Ross & Sanford, contractors—In reference to penalties incurred for non-completion of Pier, new 36, North river, within the time fixed. Applicants informed that, in the opinion of the Commissioners, action should be deferred until the pier is finished and the final estimate made under the contract, at which time the subject will be fairly considered.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From R. J. Cortis, agent—In reference to the order issued by this Department for the removal of goods from the bulkheads on the North river, and requesting that the Commissioners visit the steamship "Baltic," now discharging her cargo. Treasurer reported that said communication had been answered on the 11th inst., the date of its receipt.

From Union Stock Yard and Market Company, accepting terms of resolution for erection of pier at Fifty-eighth street, North river, to be leased to said company.

From William H. Thompson, accepting award of contract for furnishing 4,000 barrels "Portland" cement, under estimates publicly opened the 9th instant.

From Finance Department—In reference to expiration of ferry franchises.

From Engineer-in-Chief:

1. Reporting as to work performed during the week ending March 12, 1881.

2. Reporting that he had suspended James McShine, Night Watchman, for having been found asleep while on duty at his post. Action confirmed, and the said Watchman discharged.

From Seagar Brothers, requesting that a lease of Pier 38, East river, be sold for a term of 10 years, etc. Applicants advised that a lease of said pier for a term of five years had already been advertised to be sold at public auction on the 22d instant.

From William R. Grace, Mayor, inclosing copy of resolution of the Board of Aldermen (No 28), wherein the Commissioners of Docks are requested not to make any new leases, except such as may be terminable at the pleasure of the Department, of the bulkhead at the foot of West Fourteenth street, or of the bulkhead lying between West Thirteenth and Little Twelfth streets, North river, but to reserve the said bulkhead for the purposes of such ferries, whenever the same be established. Secretary directed to advise, in reply, that in the notice of sale of the lease for the bulkhead at West Fourteenth street, to be held on the 22d instant, the following clause has been inserted: "except reservation of the right to cancel the lease at any time during its existence, should the premises be required for the uses and purposes of a ferry," and that the title to the bulkhead between West Thirteenth street and Little Twelfth street, North river, is believed not to be vested in the Corporation.

From Counsel to the Corporation Opinion as to percentage of reservation of money under contracts.

From Commissioners of the Sinking Fund—With approval of lines, as changed, of Pier, new 5, North river.

From R. Cornell White and others—Remonstrating against the leasing of Pier, new 1, North river. Secretary directed to advise, that a lease of said pier for a term of years is already advertised to be sold at public auction on the 22d instant.

Allan Campbell, Comptroller, appeared, and stated that in view of the negotiations now being carried on between the city and the Central Railroad Company of New Jersey, respecting the franchise for operating the ferry of said company from the foot of Liberty street, North river, and the rate to be paid therefor, etc., that the lease of the southerly side of Pier 14 and adjoining bulkhead, North river, be withdrawn from the sale of leases of wharf property to be held on 22d instant, and, being heard at length in reference thereto,

On motion, the request of said Comptroller was complied with.

On motion of Commissioner Laimbeer, the following resolution was adopted:

Resolved, That each Corporation Wharfinger be and hereby is requested to arrange, free of expense to the Corporation, for a convenient place, within his district, where communications may be addressed to him; and that the Treasurer be and hereby is authorized and directed to furnish a proper box for the reception of such communications at each place selected.

On motion, the following resolution was unanimously adopted:

Resolved, That the Commissioners of the Sinking Fund, pursuant to authority vested in them by subdivision 11 of section 6, chapter 574, Laws of 1871, be and are hereby respectfully requested

to direct the Comptroller of the City of New York to prepare and issue "Dock Bonds of the City of New York," for the amount of (\$250,000) two hundred and fifty thousand dollars, for the uses and purposes of the Department of Docks.

The Board here went into executive session.

The Committee of the full Board, to whom was referred the application of laborers employed by the Department for the construction of the bulkhead wall, in consequence of the loss of time waiting upon the tides, reported orally the subject, and recommended for adoption the following resolution :

Resolved, That the rates of pay, or wages, for laborers employed upon tide work be and are hereby established, to take effect from and after March 26, 1881, excluded, as follows, to wit : For not exceeding two hours time on any kind of work in any one day, at 40 cents per hour ; for exceeding two hours, and not exceeding three hours time on any kind of work in any one day, at  $33\frac{1}{2}$  cents per hour ; for exceeding three hours, and not exceeding four hours time on any kind of work in any one day, at 25 cents per hour ; for exceeding four hours time, at 20 cents per hour, except that any laborer who shall, for any reason whatever, stop working before being ordered to do so by the foreman or other officer in charge of the work, shall be paid at the rate of only 20 cents per hour for the time he may have actually worked during the day he so stopped.

On motion, the report was approved, and the foregoing resolution adopted.

A communication was received from John McClane and others doing business in the vicinity of Twenty-third street, North river, asking that piers be built by this Department at Nineteenth, Twenty-first, Twenty-third and Twenty-seventh streets, North river, and not to be leased, but to be reserved for general use, and, being read and duly considered,

On motion, the Engineer-in-Chief was directed to prepare plans for the alteration of the lines of piers in that vicinity, to be approved by the Commissioners of the Sinking Fund, so as to admit the building of piers at Nineteenth and Twenty-first streets, and also plans for pier to be built at Twenty-seventh street, North river, upon lines already determined upon, and

The Secretary directed to advise the applicants of such action, and to state that the question of constructing pier at Twenty-third street, North river, cannot be determined upon until the coming autumn, and that the piers, as aforesaid, when built, are to be reserved for general public use.

A communication was received from the Union Dredging Company, offering to do dredging for the Department, and, being read,

On motion of Commissioner Laimbeer, the following preamble and resolution were unanimously adopted :

Whereas, In prosecuting the work of the Department during the ensuing season, under the plans adopted for the permanent improvement of the water-front, it will become necessary to remove large quantity of material by dredging ; and

Whereas, In conformity with specifications for such work prepared by the Engineer-in-Chief and submitted to all the parties known to the Department to be engaged in the business of dredging competitive prices, bids were received from four responsible parties to do such dredging ; and

Whereas, The bid of the Union Dredging Co. was much the lowest submitted ; and

Whereas, This Board have received large concessions in price from even such lowest bids, from Union Dredging Co. ;

Whereas, After a careful consideration of the subject, it is the judgment of this Board that the interests of the Corporation will be best served, the work of the Department more expeditiously executed, and a large amount of money saved to the treasury should an agreement be made with the Union Dredging Co.:

Resolved, That all the dredging required to be done to the amount hereinafter stated for the work of permanently improving the water front under the plans adopted therefor, be and is ordered to be performed, otherwise than by contract, as provided for by subdivision 5 of chapter 574, Laws of 1871; and that it be done by the Union Dredging Co., under the direction of the Treasurer of the Department, to be issued from time to time as required by requisitions of the Engineer-in-Chief; and further, that the officers of this Board be and hereby are authorized and empowered to execute an agreement with the said company, to perform all the work of said dredging to the amount of 750,000 cubic yards of mud, more or less, and to the amount of 18,000 cubic yards of stone, more or less, at the prices per cubic yard named therefor in the said company's amendment dated March 9, 1881, provided the said agreement shall be executed in due form and in accordance with the laws of this State.

On motion, the communication from the Engineer-in-Chief, wherein he reported the resignation of Hugh Buckley, Night Watchman, for having been found absent from his post, was read and placed on file, and the said Watchman discharged.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secy.

At a special meeting of the Board of Docks, held March 21, 1881.

Present--The full Board.

On motion, Commissioner Dimock took the chair.

The Secretary submitted a printer's proof of the estimate for proposals for repair of the East river, and the adjoining bulkhead, in conformity with the specifications for the same submitted by the Engineer-in-Chief on 9th instant, and, being examined and approved,

On motion, the Secretary was directed, upon the approval of the form of contract submitted by the Counsel to the Corporation, to have proper advertisements, inviting bids for doing the same, inserted in the papers designated by law.

The Board then took up the subject of the upset prices at which the leases for collecting wharfage at the certain seventy-nine lots of Corporation wharf premises, shall be sold at the public sale directed by the Board on the 28th ultimo, to be held on the 22d instant, and after consideration of the conditions of each lot,

On motion, the Secretary was directed to cause lots Nos. 2, 23, 24, 25, 26, 33, 41, 59, 60, 63, 64, 65, 66, 70, 71, 72, and 79, to be withdrawn from the sale, and to notify Oakley & Co., auctioneers, on the day of the sale of the upset prices fixed for the remaining lots.

On motion, the Board adjourned.

WM. M. WHITNEY, Secretary pro tempore.

At a meeting of the Board of Docks, held March 23, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 16th and 21st instant were read and approved.

A communication was received from the Comptroller, stating that George J. Goetz, Thomas J. Crombie, and James H. Perkins are not in default or arrears to the Corporation, and, being read,

On motion, the bids received and publicly opened on the 16th instant for furnishing materials for construction and repairs, were taken from the table and placed on file, and the following resolutions adopted :

Resolved, That the contract for furnishing wrought iron spikes, be and hereby is awarded to George J. Goetz, of 441 and 443 East Tenth street, his bid for furnishing said material being the lowest under estimates publicly opened the 16th instant, and the Comptroller having advised, in writing, the 17th instant, that said party is not in default or arrears to the Corporation.

Resolved, That the contract for furnishing spruce and white oak, be and is hereby awarded to Thomas J. Crombie, of 164 East Eighty-fifth street, his bid for furnishing said material being the lowest under estimates publicly opened the 16th instant, and the Comptroller having advised, in writing, the 17th instant, that said party is not in default or arrears to the Corporation.

Resolved, That the contract for furnishing broken stone, be and is hereby awarded to James H. Perkins, of 61 South street, his bid for furnishing said material being the lowest under estimates publicly opened the 16th instant, and the Comptroller having advised, in writing, the 17th instant, that said party is not in default or arrears to the Corporation.

A communication was received from the Hudson Tunnel Railway Company, inclosing a bond in the sum of \$50,000, duly executed, for the protection of the interests of the city, in case any damage shall be done to the bulkhead wall, etc., between Morton and Leroy streets, North river, while the tunnel is being built at that point by said company, and, being read, was,

On motion, approved, and the various applications of said company, and the report of the Engineer-in-Chief thereon, were taken from the table and placed on file, and the following preamble and resolutions adopted :

Whereas, The Hudson Tunnel Railway Company, a corporation incorporated under the General Railroad Act of 1850, and the act amendatory therof, has made application to this Department for permission to use and occupy a portion of the water-front, between Morton and Leroy streets, North river, for the construction of a tunnel under the North river to the New Jersey shore; and

Whereas, The Counsel to the Corporation has given his opinion to the effect, that this Department has power to grant the permission asked for by said company, and to fix an amount as compensation to be paid for the use of the property to be occupied ; be it, therefore,



Resolved, That permission be and hereby is granted to the Hudson Tunnel Railway Company, to use and occupy, for the purpose of sinking a shaft and building a tunnel under the North river, that portion of the water-front recently reclaimed and filled in by this Department, between Morton and Leroy streets, North river, which extends along the bulkhead wall from the southerly side of Pier, new 42, for about 100 feet, and easterly from said bulkhead wall for a distance of 180 feet, as shown upon plans filed in this Department, at a rent of \$3,000 per annum, payable quarterly in advance from and after January 1, 1881, provided that the space hereby set apart shall be used by the said company for the construction of said shaft and tunnel, but not to exceed a term of four years from said 1st of January, 1881, and further

Resolved, That the use and occupation of a strip of land fifty feet in width, lying under water belonging to the city, and extending from the said bulkhead wall in front of the space to be occupied by said company, westwardly to the westerly boundary of the grant issued to the City of New York by letters patent, bearing date 28th September, 1871, be and hereby is granted to said company for the term of five years from the first January, 1881, at a rent of \$1,000 per annum, payable quarterly in advance, from and after 1st July, 1881; and further

Resolved, That the lease for the above-named premises shall contain a covenant stipulating that if, in the prosecution of the work of building the shaft and tunnel aforesaid, or after the same shall have been completed, the bulkhead wall or other permanent work of the city shall in consequence thereof sustain any damage, the said company shall, upon notice to that effect, repair, under the supervision of the Engineer-in-Chief of this Department, and to the satisfaction of the Board of Docks, at its own cost and expense, the damage so done, and restore the premises to a similar condition to that in which they were upon the said company taking possession thereof, and further, that the said lease shall be accompanied by a bond satisfactory to this Board in the sum of \$50,000, to secure the payment of the several sums of rent above-mentioned, and to indemnify the city against any loss or damage it may sustain in consequence of the prosecution of the proposed work to be done by the said Hudson Tunnel Railway Company, at the premises hereinbefore named.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit:

From New York City Ice Company—For permission to retain platform, office, and scales on bulkhead north of pier at Gansevoort street, North river, for the landing of ice.

From James Tilley—For permission to retain platform for landing ice, between Fifteenth and Sixteenth streets, North river.

From Engineer-in-Chief—In reference to repairs to piers at Seventy-ninth and Ninety-sixth streets, North river.

Edwin R. Root, Secretary of the West Side Association—Requested to notify the parties interested in improving said premises, to be present at the meeting of the Board of Docks to be held on the 30th instant.

From J. L. & D. S. Riker and others—In reference to order of the Department for the removal of cargo from bulkheads on the North river, presented in person, and being heard in reference thereto, petitioners to present additional facts for consideration on 25th instant, at 12 o'clock M.

From Engineer-in-Chief - In reference to condition of water-front, between One Hundredth and One Hundred and First streets, Harlem river.

From Iron Steamboat Company, with plans for the erection of a shed on Pier, new 1, North river, leased by them. Referred to the Engineer-in-Chief for examination and report.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Orson P. Raynor—For permission to moor floats between Lexington and Fourth avenues, Harlem river. Applicant requested to call on the Commissioners in reference thereto.

From Bowring & Archibald - Withdrawing their application for lease of pier to be built by this Department at Twenty-seventh street, North river.

From Comptroller—Requesting that this Department fix an upset price for a lease of five years, for ferry purposes, of the bulkhead at Second avenue and Harlem river. Secretary reported that, by direction of the Commissioners, the Comptroller had been advised that the upset price for such a lease for the above-named premises should be for, at the sum of \$800 per annum.

From William R. Grace, Mayor—Inclosing, for examination and report, resolution No. 50 of the Board of Aldermen, whereby permission was granted to John Menzie to remove scales from the east to the west side of Pier 52, East river. Secretary directed to advise in reply that under the provisions of subdivision 2 of section 6, chapter 574, Laws of 1871, this Department has exclusive charge and control of all the wharf property belonging to the Corporation, and is vested with the exclusive government and regulation of all wharves, piers, bulkheads, etc., not owned by the Corporation, and that, in the opinion of this Board, the Board of Aldermen has no jurisdiction as far as the pier is concerned, and consequently cannot legally grant permission to remove said scales.

From A. Van Santvoord—Accepting terms of resolution for widening and extending Pier at Twenty-second street, North river.

From Comptroller—Approving sureties to contract of William H. Thompson, for furnishing 4,000 barrels of Portland cement.

From Iron Steamboat Company—Giving names of sureties to lease of Pier, new 1, North river.

From C. S. Truax—In reference to lease of bulkhead between Sixtieth and Sixty-first streets, East river, and land reclaimed thereat, and also as to the widening and lengthening of Pier at Ninety-sixth street, North river. Secretary directed to advise in reply that it is not the intention of this Department, at present, to lease said property, but to keep them for general use, and that directions have been given to the Engineer-in-Chief of this Department to prepare plans for the improvement of the pier at Ninety-sixth street, North river, with a view of increasing the wharf accommodations in that vicinity.

From G. B. Massey—Requesting to be heard before any permission is granted to Isaac Hall and others for the mooring of a floating bath at the Battery for the present season. Secretary directed to advise that he should be duly notified whenever an application is presented to this Board for such privilege.

From New Haven Steamboat Company—In reference to dredging required in slip south of Pier 25, East river.

From Engineer-in-Chief, as follows :

- 1st. Report as to work performed during the week ending March 19, 1881.
- 2d. Reported test made of Portland cement furnished by S. L. Merchant.
- 3d. Reporting that he had suspended William H. Hawes, Engineer on Derrick "City of New York" for refusing to be transferred to East Seventeenth street yard, to run a hoisting engine there. Action confirmed, and the said engineer discharged.

From the New York, Ontario and Western Railroad Company—For the loan of the "Woodcock" Boring Machine, for use in sounding and boring at the Weehawken flats, North river. Engineer-in-Chief directed to deliver the said machine, upon receipt of an agreement of said company, to pay as rent for its use the sum of \$5 per day, to furnish all labor necessary, and to return the machine in as good condition as when received.

A communication was received from Thomas J. Crombie, offering to furnish the Department about 30,000 feet North Carolina lumber, at \$18 per thousand feet, and, being read, was referred to the Treasurer with power.

On motion, John Butler, Corporation Wharfinger for the District, was directed to have the lumber, brick, sand, etc., between Sixty-first and Sixty-third streets, East river, removed without delay, complaint having been made that the premises are being used as a storage place for said material, to the loss and inconvenience of persons receiving cargo at that point.

The Secretary stating that the right to collect and retain all wharfage accruing at the following named piers and bulkheads had been sold to the highest bidders therefor, as named below, at public sale held by James M. Oakley & Co. auctioneers, on 22d instant, pursuant to the action of the Board on 28th ultimo, and for the terms and at the prices stated opposite each lot respectively, to wit :

*On North River.*

Lot 1. Pier, new 1 (the lease for this pier will covenant for a renewal term of ten years, at the option of the lessee, at an advanced rent of \$5,000 per annum, and will stipulate that all repairs to the stone or masonry work will be made by the Department), to the Iron Steamboat Company for ten years from May 1, 1881, at \$30,100 per annum ; upset bid, \$25,000.

Lot 3. Pier, new 47, and bulkhead southerly (the present lessee claims the right to remove the shed on the pier at any time prior to May 1, 1881), to the Quebec Steamship Company for five years from May 1, 1881, at \$14,000 per annum ; upset bid, \$12,500.

Lot 4. Bulkhead along easterly side of approach to Piers, new 46 and new 47, to Quebec Steamship Company, for five years from May 1, 1881, at \$3,200 per annum ; upset bid, \$1,500.

Lot 5. Pier, new 46 (including the use of the shed covering the entire pier), to William Corerly, for three years from May 1, 1881, at \$30,500 per annum ; upset bid, \$30,000.

Lot 8. Pier at Bethune street (except reservation at northerly side for public bath), to Decker & Kapp, for three years from May 1, 1881, at \$605 per annum ; upset bid \$600.

Lot 11. Bulkhead north of pier at Gansevoort street, to New York City Ice Company, for three years from May 1, 1881, at \$2,000 per annum ; upset bid, \$2,000.

Lot 13. Bulkhead south of pier at Little Twelfth street (except reservation of the right to steam tugs to have at all times free passage to the hydrant located thereat for the purpose of taking water only), to Drew & Bucki, for three years from May 1, 1881, at \$800 per annum ; upset bid \$800.

Lot 14. Pier at Little Twelfth street, to Drew & Bucki, for three years from May 1, 1881, at \$1,400 per annum ; upset bid, \$1,400.

Lot 15 Bulkhead at West Fourteenth street (except reservation of the right to cancel the lease at any time during its existence, should the premises be required for the uses and purposes of ferry) to John J. McCook, for three years from May 1, 1881, at \$1,800 per annum ; upset bid \$1,800.

Lot 16. Pier at West Fifteenth street, to Mutual Benefit Ice Company, for three years from May 1, 1881, at \$1,500 per annum ; upset bid, \$1,500.

Lot 17. Pier at West Sixteenth street, to Mutual Benefit Ice Company, for three years from May 1, 1881, at \$1,400 per annum ; upset bid, \$1,400.

Lot 20. Pier at West Thirty-fourth street, to Scott & Co., for three years from May 1, 1881 at \$5,000 per annum ; upset bid, \$5,000.

Lot 22. Pier at West Fortieth street, to James McClenahan, for three years from May 1 1881, at \$4,500 per annum ; upset bid, \$2,500.

Lot 27. Pier at West One Hundred and Twenty-ninth street, to Mutual Benefit Ice Company for three years from May 1, 1881, at \$560 per annum ; upset bid, \$500.

Lot 30. Pier at West One Hundred and Fifty-second street, to William D. Brown, for three years from May 1, 1881, at \$100 per annum ; upset bid, \$100.

Lot 31. Southerly half Pier 22 (sometimes named 23) and bulkhead adjoining, to Stephens & Condit Transportation Company, for three years from June 1, 1881, at \$3,500 per annum ; upset bid, \$3,500.

Lot 35. Pier at West Fifty-seventh street, to Frederick Schecker, for one year from May 1 1881, at \$3,350 per annum ; upset bid, \$2,500.

*On East River.*

Lot 36. Bulkhead south of East Twenty-fourth street, north of ferry premises, to Greenpoint Ferry Company, for ten years from June 1, 1881, at \$4,100 per annum ; upset bid, \$4,000.

Lot 37. West half Pier 21, to C. H. Mallory & Co., for five years from May 1, 1881, at \$5,200 per annum ; upset bid, \$5,000.

Lot 42. Pier 7 (except reservation of the right to fill-in inside of the exterior line of South street, extended, at such time as the law may provide, free of claim consequent upon the length of the pier being reduced thereby), to New York, Lake Erie & Western Railroad Company, for three years from May 1, 1881, at \$9,000 per annum ; upset bid, \$9 000.

Lot 43. West half Pier 8, including bulkhead extension and bulkhead adjoining (except reservation of the right to fill-in inside of the exterior line of South street, extended, at such time as the

law may provide, the new bulkhead established thereby to be an offset for the portion made solid filling) to New York, Lake Erie & Western Railroad Company, for three years from May 1, 1881, at \$9,000 per annum; upset bid, \$9,000.

Lot 44. Bulkhead and platform, between Piers 18 and 19, to John E. Stow, for three years from May 1, 1881, at \$500 per annum; upset bid, \$500.

Lot 46. Pier 43, except inner half west side, to Fred. W. Wright, for three years from May 1, 1881, at \$3,500 per annum; upset bid, \$3,500.

Lot 48. Pier 46, to William Coverly, for three years from May 1, 1881, at \$7,500 per annum; upset bid, \$6,500.

Lot 50. Pier 60 and bulkhead westerly, from north side to Tompkins street, to Joseph Cooper, for three years from May 1, 1881, at \$2,750 per annum; upset bid, \$2,250.

Lot 51. Pier 61 and 55 feet bulkhead northerly (except reservation at northerly side for night soil boat, and on southerly side for dump), to Benjamin Wright, for three years from May 1, 1881, at \$1,000 per annum; upset bid, \$1,000.

Lot 52. North half Pier 62, to Mutual Benefit Ice Company, for three years from May 1, 1881, at \$900 per annum; upset bid, \$900.

Lot 54. Bulkhead at East Fifteenth street, to Manhattan Gas Light Company, for three years from May 1, 1881, at \$900 per annum; upset bid, \$900.

Lot 61. Pier at East Thirty-seventh street (except reservation at northerly side for public bath), to Daniel T. Robertson, for three years from May 1, 1881, at \$800 per annum; upset bid, \$800.

Lot 62. Pier at East Thirty-eighth street (except reservation on northerly side for dump), to Benjamin Wright, for three years from May 1, 1881, at \$600 per annum; upset bid, \$600.

Lot 67. Pier at East Seventy-ninth street, to Frank E. Wise, for three years from May 1, 1881, at \$975 per annum; upset bid, \$500.

Lot 68. Pier or bulkhead at East Eighty-sixth street, to John H. Baxter, for three years from May 1, 1881, at \$700 per annum; upset bid, \$300.

Lot 69. Bulkhead at and south of East Ninety-third street, to Thomas Patten, for three years from May 1, 1881, at \$800 per annum; upset bid, \$800.

Lot 73. Bulkhead at East Thirtieth street, to Edward Dexter, for one year from May 1, 1881, at \$250 per annum; upset bid, \$250.

Lot 76. Bulkhead at East Forty-seventh street, to Owens & Co., for one year, from May 1, 1881, at \$300 per annum; upset bid \$300.

On motion, it was

Resolved, That the sale of the said right, at the said several lots of wharf property, upon the terms as reported by the Secretary, be and is hereby approved and confirmed, and the officers of the Board be and are hereby authorized and empowered to execute the necessary leases therefor when prepared and approved as to form by the Counsel to the Corporation.

A communication was received from the Commissioners of the Sinking Fund, advising resolutions adopted on 17th instant, as follows :

1st. Resolved, That in view of the facts stated in the report of the Comptroller, and the communication from the Commissioners of Docks, relative to the present occupancy of the wharf property the foot of Market street, a ferry landing at that point is not feasible, and the franchise of a ferry cannot be sold, at the present time, by the Commissioners of the Sinking Fund, as established March 1881, by the Common Council, and that a copy of this resolution be sent to the Dock Department.

2d. Resolved, That the Commissioners of the Sinking Fund, having considered the communication from the Commissioners of Docks, relative to an application to them by the New York, New Haven and Hartford Railroad Company, for permission to excavate a slip on their own premises on the upper side of the Harlem river, north of Willis avenue, do not desire to make any suggestions reference to the application of said company, and the Commissioners of Docks are respectfully requested to take such action thereon as they may deem advisable ; and

3d. Inclosing a communication from John E. Walsh, in relation to building bulkhead wall on the water-front of this city, for examination and report by this Department, and, being read,

On motion, the communication of John E. Walsh was referred to a Committee of the full board, and the application of the New York, New Haven and Hartford Railroad Company taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and hereby is granted to the New York, New Haven and Hartford Railroad Company, lessees and occupants of water-front on the upper side of the Harlem river, near Willis avenue, to dredge a space 275 feet long and 75 feet wide upon said property, and within the established bulkhead line, in order to provide a slip to transfer the freight and passenger cars of said company, and also to dredge a space in front of their premises south of the line of Lincoln avenue, 50 feet wide and about 1,200 feet long, in order to provide sufficient depth of water to accommodate the boats of said company, all the work to be done under the supervision of the Engineer-in-Chief of this Department.

The Board here went into executive session.

A communication was received from the Union Dredging Company, requesting, for the reasons herein set forth, that all contracts, agreements or understandings between it and the Department or doing dredging be canceled, and, being read,

On motion, The Secretary was directed to state in reply that the offer made by said company to do the dredging required by this Department has been carefully considered by the Commissioners and said offer by them duly accepted ; and further, that this Board declines to cancel the agreement between it and the Union Dredging Company, which has been thus duly accepted, as, in its opinion, this Department would incur great loss, in case their request should be acceded to.

A. R. Whitney appeared on behalf of the Iron Steamboat Company, and was heard as to the necessity of having dredging done by this Department, at the inner end of Pier, new 1, North river, leased by said company, and further desiring that possession of the pier be given to them

from April 1st next, until the 1st of May, to enable them to proceed with the construction of a shed thereon, and after a full discussion of the subject, and of the amount of dredging required to be done.

On motion, the following resolution was adopted.

Resolved, That the Iron Steamboat Company, purchaser of lease of Pier, new 1, North river, at public sale held 22d instant, be and hereby is permitted to occupy said pier from and after 1st proximo, until May 1st next, in order to erect a shed thereon, without charge for rent for the time of said occupation, provided the said company do all the dredging necessary, at their own cost and expense.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held March 25, 1881.

Present, the full Board.

On motion, Commissioner Dimock took the chair.

Messrs. Riker, Wing, and others appeared for the purpose of presenting their reasons why the order of the Department issued on February 23d ultimo, for the removal of cargo placed upon the bulkheads and adjacent space on the North river water-front, should be modified, stating that the goods referred to have usually been placed upon the space adjacent to the piers and bulkheads to await shipment or sale, and that if they were obliged to store their goods immediately when landed, the expense incurred would be sufficient to prevent in future bulky goods, as casks of soda, crates of crockery, etc., from coming to this port as a distributing point, and that even now such cargo could be landed at Boston and other ports at less cost than at the port of New York, and being heard at great length in reference to the subject,

The Chairman offered for adoption the following resolution :

Resolved, That the order of the Department based on the resolution of February 23, 1881, be suspended, in as far as the territory called the new-made land, from West Eleventh street to Canal street, is concerned, pending an examination of the whole subject by the Department, with a view to a just arrangement of the subject.

The ayes and noes being called for and taken on the adoption of the resolution, it was adopted by the following vote :

Ayes—Commissioners Vanderpoel and Dimock.

No.—Commissioner Laimbeer.

The Chairman here stated to the remonstrants that the Board will take up the whole subject for full consideration, and that it hoped to arrive at a satisfactory conclusion, which shall be just and fair to all parties concerned.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held March 28, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

A report was received from the Engineer-in-Chief, as to the repairs required to the pier at Thirty-eighth street, North river, occupied by P. White's Sons, contractors for the city, and, being read,

On motion, the application of P. White's Sons to have said pier repaired was taken from the table and placed on file, and the Engineer-in-Chief directed to repair said premises in accordance with his report, at a cost of about \$600.

On motion, the following resolutions were adopted :

Resolved, That Frank Paul be and hereby is appointed an assistant diver in the service of the Department, with compensation, when employed, at the rate of \$5 per day of four hours or less and \$1 per hour, for all time over four hours in any one day.

Resolved, That Thomas B. Davies be and hereby is appointed, temporarily, an engineer in the service of the Department, to run the engines of the Derrick "City of New York," and such other engines of the Department as the Engineer-in-Chief may direct, with compensation when employed, at the rate of \$22 per week of six days, with no allowance for over-time.

The Board then took up the subject of the upset prices at which the leases for the right to collect wharfage at the certain twenty-eight lots of Corporation wharf premises, shall be offered at public sale, to be held on the 29th instant, pursuant to adjournment made on 22d instant, and after consideration of the conditions of each lot,

On motion, the Secretary was directed to cause lot No. 17 to be withdrawn from the sale and to notify James M. Oakley & Company, auctioneers, on the day of the sale, of the upset price fixed for the remaining twenty-seven lots.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a meeting of the Board of Docks, held March 30, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held 23d instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From Theodore F. Tone and J. W. Brown—To have dredging done at Pier at One Hundred and Thirtieth street, North river.

From Thomas Fitzpatrick, lessee—For use of Pier at Thirtieth street, North river, after May 1st next. Applicant informed that the Department cannot determine upon his application at present, but as soon as a decision is arrived at, he will be duly informed.

From Scott & Co., lessees—To have repairs made to Piers at Thirty-fourth and Thirty-fifth streets, North river, and dredging done thereat.

From James McClenahan, lessee—To have repairs made to Pier at Fortieth street, North river, and dredging done thereat.

From J. & R. Darrow—For permission to erect platform between Forty-seventh and Forty-eighth streets, North river, to facilitate the landing of building materials. Engineer-in-Chief directed to examine and report on the same.

From Mutual Benefit Ice Co., as follows :

1st. For permission to erect platform on Pier at Fifty-fourth street, East river, for the landing of ice.

2d. To have the Pier at Fifteenth street, North river, leased by it, widened.

3d. For permission to erect platform on Pier 62, East river, for the landing of ice, and to have said pier repaired and dredging done thereat by the Department.

4th. For permission to retain platform now on Pier at Fourteenth street, North river, for the landing of ice. Commissioners to visit the premises.

From William Farrell and others—In reference to the order of the Department for the removal of goods from bulkheads on the North river. Applicants requested to call upon the Commissioners on Tuesday, April 5th proximo, at 12 o'clock M., in reference to the same.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Comptroller—To have tracing of ferry premises at Forty-second street, North river, furnished him. Secretary directed to have a tracing prepared of said premises and forwarded as requested.

From New York, Lake Erie & Western Railroad Company—In reference to lease of Pier 8, East river.

From William R. Grace, Mayor—Asking that Piers 12 and 19, East river, be not leased by the Department.

From Iron Steamboat Company, lessees—Application to erect tool-house, to be used also as shelter for watchman on Pier, new 1, North river. Permission granted, said tool-house to remain during the pleasure of the Board.

From William R. Grace, Mayor—In reference to resolution (No. 69), of the Board of Aldermen, granting permission to the National Ice Company to erect scale at Nineteenth street, East river. Secretary directed to state in reply that under the provisions of subdivision 2 of section 6 chapter 574, Laws of 1871, this Department has exclusive charge and control of all the wharf property belonging to the Corporation, and is vested with the exclusive government and regulation of all wharves, piers, bulkheads, etc., not owned by the Corporation, and that in the opinion of this Board, the Board of Aldermen has no jurisdiction, so far as the piers and bulkheads are concerned and consequently cannot legally grant permission to erect said scale.

From H. D. & J. U. Brookman—In reference to bulkhead at Eighteenth street, East river built by this Department.

From Police Department—In reference to bill rendered for services of derrick, "City of New York."

From Charles McManus—For use of dumping board at the foot of Lighthouse street, North river. Applicant informed that the premises have ceased to be used for such purposes.

From David T. Keiller—Resigning his position as draughtsman in the Department. Resignation accepted.

From George J. Goetz—Accepting award of contract for furnishing wrought-iron spikes under estimates publicly opened the 16th instant.

From Thomas J. Crombie—Accepting award of contract for furnishing spruce and white oak timber, under estimates publicly opened the 16th instant.

From James H. Perkins—Accepting award of contract for furnishing broken stone, under estimates publicly opened the 16th instant.

From James Guthrie—Resigning his position as master dock-builder in the Department. Resignation accepted.

From Arnoux, Ritch & Woodford—In reference to proposed rebuilding of Pier at Forty-sixth street, East river.

From Knickerbocker Ice Company—For permission to occupy west side of Pier 59, East river after the expiration of their lease on June 1st next, on the same terms and conditions as under the existing lease. Applicants informed that the Board is willing to permit them to continue in the occupation of the premises after the 1st June, at the same rental as under the present lease, but said occupation to terminate upon one month's notice from this Department.

From A. E. Outerbridge & Company, agents and lessees—To have repairs made to Pier, new 47, and bulkhead adjoining, North river, and also to have dredging done thereat. Engineer-in-Chief directed to make the necessary repairs to said premises, and also to make requisition for the necessary dredging to be done thereat.

From National Steamship Company, lessee—To have the approach to Pier, new 39, North river, repaired. Engineer-in-Chief directed to make the necessary repairs thereto.

A communication was received from the Comptroller remitting penalty imposed by this Department against John M. C. Scully, contractor, for furnishing small cobble and rip-rap stone, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, By virtue of the power vested in the Finance Department by section 31 of chapter 335, Laws of 1873, the Comptroller has decided to remit the penalty imposed by this Department against John M. C. Scully, for non-delivery of small cobble and rip-rap stone within the times agreed upon under his contract for furnishing said material, dated July 14, 1879, and deducted in the sum of \$12,350 from the final estimate (No. 5), dated January 21, 1880, under said contract, except to the extent of \$1,000, being for twenty days' delay at \$50 per day ; therefore,

Resolved, That the final estimate (No. 5), under the said contract, be and hereby is made as for the sum of \$756.39, that being the amount now due to the said John M. C. Scully in full settlement and payment of said contract, consequent upon penalties to the amount of \$11,350, having been remitted, as advised by the Comptroller, under date of March 25, 1881.

An application was received from A. E. Outerbridge and Company, agents, lessees of Pier, new 47, North river, for permission to make an extension to the present shed on said pier, and, being read,

On motion, the following resolution was adopted :

Resolved, That permission be and hereby is granted to the Quebec Steamship Company, occupants of Pier, new 47, North river, and purchaser, on 22d inst., of lease of said premises for five years from 1st May next, to erect and maintain on said pier an extension to the inner end of the present shed, of about 50 feet in length, for the protection of property received and discharged thereat, the said extension to be constructed subject to the regulations required by chapter 249, Laws of 1875, and in accordance with plans to be first submitted to and approved by the Engineer-in-Chief of this Department, provided that all the work shall be done under the supervision of that officer, and that the said company shall file in this Department, within five days after the receipt hereof, a written agreement that the said extension to the shed shall revert to and become the property of the corporation of the City of New York upon the expiration of the lease of said pier, or sooner termination thereof, free of all claims, of every kind whatsoever.

A communication was received from E. S. Jaffray & Co. and others, asking that the water-front between Desbrosses street and Cortlandt street be improved under the adopted plans, with the least possible delay, in order to afford increased facilities for the business which centres at that portion of the water-front of this city, and, being read, was,

On motion, referred to a Committee of the full Board.

A communication was received from the Engineer-in Chief, as to proposed alteration of lines of Piers, new 49 and new 51, North river, and, being read,

On motion, the following preamble and resolution was adopted :

Whereas, This Board deem it advisable to make, and have decided upon, an alteration and change in the dimensions and location of the proposed Piers, new 49 and new 51, North river, from the lines therefor, as laid down upon the plans adopted by the Department, April 13, 1871 ; therefore,

Resolved, That the Commissioners of the Sinking Fund be and hereby are respectfully requested, in pursuance of the provisions of chapter 738, Laws of 1872, to consent to and approve of the widths, lengths, and location of the said proposed Piers, new 49 and new 51, North river, being so altered and changed from the lines therefor, as laid down on the plans prepared by this Department, and approved by the said Commissioners of the Sinking Fund, April 27, 1871, as to establish the following lines, to wit : the northerly line of said Pier, new 49, North river, to be 124 feet southwardly of the northerly line therefor, as now established, measured on a right angle to the side line of the pier, the said proposed northerly line to be coincident with the northerly line of Nineteenth street, produced, and to make the width of said pier 60 feet instead of 80 feet, and the length thereof 154 feet on the centre line of the pier instead of 192 feet, and the northerly line of said Pier, new 51, North river, to be 138 feet southwardly of the northerly line therefor, as now established, measured on a right angle to the side line of the pier, the said proposed northerly line to be coincident with the northerly line of Twenty-first street, produced, and to make the width of said pier 60 feet instead of 100 feet, and the length thereof 317 feet on the centre line of the pier instead of 357 feet.

A communication was received from Bogert & Morgan, agents, in reference to surrendering occupation of Pier, old 36, North river, in order that Pier, new 25, North river, may be erected on the site thereof, and asking at what time they can occupy Pier, new 37, North river, pending the construction of Pier, new 25, and, being read,

On motion, the Secretary was directed to advise in reply, that as soon as the Department can fix the precise date of said occupation, they will be at once informed, but it is believed that it will be ready for their use about June 1st next.

A communication was received from the Engineer-in-Chief, stating that it will be necessary to provide an approach to the south half of the pier to be built by this Department, at the foot of Fifty-eighth street, North river, and to raise the grade of the crib about one foot at the north half of the pier, and, being read,

On motion, the Engineer-in-Chief was directed to do the work in accordance with his report, at a cost of about \$300.

On motion of Commissioner Laimbeer, the following resolution was adopted :

Resolved, That the Secretary prepare and submit to this Board a statement showing each parcel of such water-front, or land lying under water, as has been leased by this Department, the terms of said leases, the rents to be paid therefor, and the area of the property in superficial feet.

A report was received from the Engineer-in-Chief approving of plans submitted by Funch, Edye & Co., lessees of Pier, new 54, North river, for the erection of a shed thereon, and, being read,

On motion, the application of Funch, Edye & Co., for permission to erect shed on said pier was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and hereby is granted to Funch, Edye & Co., to erect and maintain during the pleasure of this Board on Pier, new 54, North river, leased by them, a shed for the protection of property received and discharged thereat by steam transportation, the said shed to be constructed subject to the regulations required by chapter 249, Laws of 1875, and in conformity with the plans approved by the Engineer-in-Chief of this Department, and on file in this office ; provided that all the work shall be done under the supervision of that officer, and that the said lessees shall file in this Department, within five days after the receipt hereof, a written agreement, that the said shed shall revert to and become the property of the Corporation of the City of New York upon the expiration of the lease of said pier, or sooner termination thereof, free of all claims of every kind whatsoever.

The application of Lavinia Gould for permission to erect bulkhead between One Hundredth and One Hundred and First streets, Harlem river, and the report of the Engineer-in-Chief in reference thereto, were,

On motion, taken from the table and placed on file, and the Secretary directed to advise the applicant that her application for permission to build a crib-bulkhead on the bulkhead line, with returns on each side, 150 feet in length, between One Hundredth and One Hundred and First streets, Harlem river, has been duly considered, but that the Department of Public Parks has received an opinion from the Counsel to the Corporation to the effect that the power to fix the pier and bulkhead lines along the Harlem river is vested in that Department, and consequently this Board, in view of said opinion, is not disposed at present to act upon her application, as it is presumed that the Department of Public Parks will soon take action for the establishment of permanent pier and bulkhead lines at the point referred to.

The Auditing Committee presented an audit of twelve bills or claims, amounting to the sum of \$13,541.88, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

A report was received from the Engineer-in-Chief, submitting form of contract and specifications for building pier at the foot of Fifty-eighth street, North river, and, being read,

On motion, it was

Resolved, That the form of specifications and contract as prepared by the Engineer-in-Chief, for building pier at foot of Fifty-eighth street, North river, be and hereby is approved and adopted, subject to the approval of the Counsel to the Corporation as to form, and that the Secretary be and hereby is directed to have a sufficient number of blank forms of proposals printed, and proper advertisements, inviting bids for doing said work, inserted in the papers designated by law.

The Secretary stating that the right to collect and retain all wharfage accruing at the following named piers and bulkheads, had been sold to the highest bidders therefor, as named below, at public sale held by James M. Oakley & Co., auctioneers, on 29th instant, pursuant to an adjournment on 22d instant, and for the terms and at the prices stated opposite each lot respectively, to wit :

*On North River.*

Lot 3. Pier at Jane street, to Decker & Rapp, for three years from May 1, 1881, at \$1,250 per annum ; upset bid, \$1,000.

Lot 4. Pier at Horatio street, to Consumers' Ice Company, for three years from May 1, 1881, at \$1,050 per annum, upset bid, \$1,000.

Lot 6. Pier at West Seventeenth street, to Manhattan Gas Light Company, for three years from May 1, 1881, at \$3,500 per annum ; upset bid, \$3,500.

Lot 7. Pier at West Eighteenth street, to Manhattan Gas Light Company, for three years from May 1, 1881, at \$3,500 per annum ; upset bid, \$3,500.

Lot 8. Pier at West Thirty-fifth street (except reservation of the right to moor, at northerly side, a public bath during summer seasons ; and, if used, an allowance of 15 per cent. of the annual rent will be made for each season the premises shall be occupied by the bath), to Scott & Co., for three years from May 1, 1881, at \$4,500 per annum ; upset bid, \$4,500.

Lot 9. Bulkhead extension at West One Hundred and Thirtieth street (except reservation of water on northerly side for ferry purposes), to Theodore F. Tone, for three years from May 1, 1881, at \$300 per annum ; upset bid, \$300.

Lot 11. Pier at One Hundred and Thirty-first street, bulkhead northerly to retaining wall, and about 70 feet of bulkhead platform southerly (except reservation of the right to moor at northerly side of the pier a public bath during summer seasons ; and, if used, an allowance of 15 per cent. of the annual rent will be made for each season the premises shall be occupied by the bath), to Theodore F. Tone, for three years from June 1, 1881, at \$900 per annum ; upset bid, \$800.

Lot 12. Pier at West Fifty fifth street (except reservation for telegraph cables and wires, on southerly side and in the adjacent slip). (No dredging will be done by the Department in the slip adjacent to the southerly side of this pier), to Western Union Telegraph Company, for one year from May 1, 1881, at \$1,000 per annum ; upset bid, \$1,000.

*On East River.*

Lot 13. East half Pier 24 and half bulkhead adjoining, to Hartford & New York Steamboat Company, for five years from May 1, 1881, at \$6,500 per annum ; upset bid, \$6,500.

Lot 14. West half Pier 25, and half bulkhead adjoining, to New Haven Steamboat Company, for five years from May 1, 1881, at \$6,500 per annum ; upset bid, \$6,500.

Lot 15. East half Pier 33, west half Pier 34, and bulkhead between, to Thomas Clyde, for five years from May 1, 1881, at \$13,000 per annum ; upset bid, \$12,000.

Lot 16. South half and outer end pier at East Thirty-third street, to Knickerbocker Ice Company, for five years from May 1, 1881, at \$1,500 per annum ; upset bid, \$1,500.

Lot 18. Pier 44 and bulkhead westerly, to Alexander Mason, for three years from May 1, 1881, at \$7,000 per annum ; upset bid, \$5,000.

Lot 21. Pier at East Twenty-eighth street, to Joseph V. Brown, for three years from May 1, 1881, at \$1,000 per annum ; upset bid, \$1,000.

Lot 22. Pier at East Thirty-first street, to Joseph V. Brown, for three years from May 1, 1881, at \$2,250 per annum ; upset bid, \$1,500.

Lot 23. Bulkhead at East Thirty-fifth street, to Garret L. Schuyler, for one year from May 1, 1881, at \$400 per annum ; upset bid, \$400.

Lot 24. Bulkhead at East Thirty-sixth street, to Popham & Co., for one year from May 1, 1881, at \$400 per annum ; upset bid, \$400.

Lot 26. Bulkhead at East Forty-eighth street, to Thomas B. Tweddle, for one year from May 1, 1881, at \$400 per annum ; upset bid, \$200.

Lot 28. Pier 40 and half bulkhead easterly (the lease for this pier will covenant for a renewal term of five years, at the option of the lessee, at an advanced rent of \$2,000 per annum), to Frank Phelps, for five years from May 1, 1881, at \$9,000 per annum ; upset bid, \$9,000.

On motion, it was

Resolved, That the sale of the said right, at the said several lots of wharf property, upon the terms as reported by the Secretary, be and is hereby approved and confirmed, and the officers of the Board be and are hereby authorized and empowered to execute the necessary leases therefor, when prepared and approved as to form by the Counsel to the Corporation.

Members of the West Side Association were present, in reference to the improvement of piers at Seventy-ninth and Ninety-sixth streets, North river, and, being heard at length,

On motion, their communication and the report of the Engineer-in-Chief in reference thereto, were taken from the table and placed on file, and the Engineer-in-Chief directed to prepare form of contract and specifications for building by contract a pier at Ninety-sixth street, North river, at a cost of about \$8,000.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held April 2, 1881.

Present—The full Board and the Comptroller of the city.

On motion, Commissioner Dimock took the chair.

Two estimates were received for furnishing material and labor for repairing Pier 48, East river, and the adjoining bulkhead, as follows, to wit :

|  | Class 1.<br>Crib Dredging.<br>4,500 Cubic Yds. | Class 2.<br>Mud Dredging.<br>2,000 Cubic Yds. | Class 3.<br>Pier and Bulk<br>head complete. |
|--|--|---|---|
| No. 1. From Thomas and Augustin Walsh..... | \$1 35   | \$0 30  | \$14,300 00                                 |
| No. 2. From P. Sanford Ross.....           | 1 35   | 30  | 14,450 00                                   |

And being read, were,

On motion, laid on the table for examination.

A report was received from the Engineer-in-Chief, approving of plans submitted by the Iron Steamboat Company, for the erection of shed on Pier, new 1, North river, and, being read,

On motion, the application of said company to erect shed on said pier was taken from the table and placed on file, and the following resolution adopted :

Resolved, That permission be and hereby is granted to the Iron Steamboat Company, to erect and maintain, during the pleasure of this Board, on Pier, new 1, North river, leased and occupied by the said company, a two-story iron shed, for the protection of property received and discharged thereat ; the said shed to be constructed subject to the regulations required by chapter 249, Laws of 1875, and in conformity with the plans approved by the Engineer-in-Chief of this Department, and on file in this office ; provided that all the work shall be done under the supervision of that officer, and that the said company shall file in this Department, within five days after the receipt hereof, a written agreement, that the said shed shall revert to and become the property of the Corporation of the City of New York, upon the expiration of the lease of said pier or sooner termination thereof, free of all claims of every kind whatsoever.

On motion, the following appointments were made, to wit :

John Roody, Charles H. Magee, John Ready, James McGlone, John English, Thomas Barbour, Thomas McNamara, James Tray, Hugh J. McGuire and H. Ran, as laborers ; John McAleer, as a Dockbuilder, and Michael Walsh, Charles Peters, Daniel Sullivan, A. Lawson, Frederick T. Ryberg, Murtha Gallagher, Henry Brown, as watchmen.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.



At a meeting of the Board of Docks, held April 6, 1881.

Present, the full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held 25th and 28th ultimo were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action as stated, to wit :

From John H. Rogers,—Applying for position as “ Master Dock-bui'der,” in the Department.

From Frank Phelps, lessee of Pier 40, East river—For permission to extend said pier, and erect shed thereon. Commissioners to visit the premises.

From William D. Andrews & Bro.—In reference to the use of Pier 59, East river, by the Knickerbocker Ice Company, lessees from the City of south half Pier 59 and half bulkhead adjoining, East river. Secretary directed to address a communication to the Counsel to the Corporation, requesting him to make an examination of the title to the northerly half of said Pier 59, East river, now claimed as private property.

From W. W. Shippen—For permission to repair and extend the ferry-house at the foot of Barclay street, North river. Engineer-in-Chief directed to examine and report the condition of the premises.

From Engineer-in-Chief—In reference to proposed platform to be erected between Forty-sixth and Forty-seventh streets, North river.

From Z. L. Oppenheimer and others—In reference to platforms for landing ice, on Piers at Fifty-third and Fifty-fourth streets, East river, which obstruct the free use of the premises. Petitioners present, and heard at length in reference to the subject.

From Daniel T. Robertson—For lease of Piers at Sixty-first and Sixty-second streets, and adjoining bulkhead, East river.

From Pim, Forwood & Co, agents Atlas Steamship Co.— Submitting for approval, plan for shed to be erected by them on Pier, new 55, North river. Referred to the Engineer-in-Chief for examination and report.

From Charles Eldridge—For permission to place platform for landing ice on Pier at Twenty-eighth street, East river.

From Frederick Lange—Applying for position as Roundsman in the Department.

From Edward Dickel—Requesting that his salary be increased.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Comptroller—Approving sureties to contract of George J. Goetz, for furnishing wrought-iron spikes, under estimates publicly opened the 16th ultimo.

From John Dunn—Applying for position as Master Dock-builder in the Department.

From Comptroller—Approving sureties to contracts, of James H. Perkins, for furnishing broken stone, and of Thomas J. Crombie, for furnishing spruce and white oak timber, under estimates publicly opened the 16th ultimo.

From Comptroller—In reference to rents fixed for use of certain wharf property for ferry purposes.

From Iron Steamboat Company—As to the shed to be erected by it on Pier, new 1, North river, reverting to the city at the expiration of the lease.

From Engineer-in-Chief—Report as to work performed during the week ending April 2, 1881.

From Comptroller—In reference to form of leases for ferry franchises and wharf property.

From Department of Public Parks—Requesting that the Engineer-in-Chief of this Department be present at a meeting to be held in reference to proposed changes to be made in the bulkhead line on the Harlem river.

From James Fitzpatrick, Corporation Wharfinger—In reference to the dirt and refuse upon the surface of various piers on the North river. Engineer-in-Chief directed to have the surface of Pier at Twenty-eighth street, North river, cleaned, and the Secretary directed to notify the lessees of the piers referred to, to have all dirt and refuse removed therefrom.

From Robert Murray—For permission to extend bulkhead between One Hundred and Nineteenth and One Hundred and Twentieth streets, Harlem river. Secretary directed to advise the applicant that his application to extend the said bulkhead has been duly considered, but that the Department of Public Parks has received an opinion from the Counsel to the Corporation, to the effect that the power to fix the pier and bulkhead lines along the Harlem river is vested in that Department, and consequently this Board, in view of said opinion, is not disposed at present to act upon his application, as it is presumed that the Department of Public Parks will soon take action for the establishment of permanent pier and bulkhead lines at the point referred to.

A communication was received from the Comptroller, advising that Thomas and Augustin Walsh are not in default or arrears to the Corporation, and, being read,

On motion, the estimates received and publicly opened the 2d instant, for repairing Pier 48, East river, and the adjoining bulkhead, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for repairing Pier 48, East river, and the adjoining bulkhead, be and is hereby awarded to Thomas and Augustin Walsh, of 114 Wall street, their bid for doing said work being the lowest under estimates publicly opened the 2d instant, and the Comptroller having advised, in writing, the 4th instant, that said parties are not in default or arrears to the Corporation.

The Auditing Committee presented an audit of 14 bills or claims, amounting to the sum of \$2,447.76 and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Secretary was directed to address a communication to the Comptroller, advising that, upon a further examination as to the ownership of the premises occupied by the Catharine ferry at foot of Main street, East river, Brooklyn, the Commissioners are of the opinion that the easterly half of the pier adjoining the westerly slip of the ferry is vested in the corporation, and that in view of this fact, the Commissioners desire that the wharf property to be leased for the said ferry at its Brooklyn terminus may be designated as the "Easterly half of Pier at foot of the westerly side of Main street, and eighty feet of bulkhead adjoining, East river," and that the upset price at which the said property may be leased for ferry purposes for a term of ten years is the sum of \$8,000 per annum.

A report was received from the Engineer-in-Chief, as to work performed during the week ending March 26, 1881, and, being read, was,

On motion, placed on file.

On motion, Matthews Sheridan was appointed a Dock-builder.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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At a meeting of the Board of Docks, held April 13, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meetings held the 30th ultimo and 2d and 6th instant, were read and approved.

The following communications were received, read, and,

On motion, laid on the table to await action, as stated, to wit :

From John H. Benner, lessee—To have repairs made to the bulkhead at Forty-ninth street, East river, by this Department. Applicant requested to call on the Commissioners in reference to the same.

From C. F. Davies and S. Kohn—In reference to non-removal of platform from Pier at Fifty-third street, East river. John Butler, Corporation Wharfinger for the district, requested to call on the Commissioners in reference thereto.

From Bogert and Morgan, lessees of Pier, new 25, North river—In reference to plan of details of said pier, in order to determine dimensions, etc., of shed to be erected by them. Engineer-in-Chief directed to examine and report on the same.

From Alexander M. C. Smith—For use of pier at Thirty-second street, East river, as a steamboat landing. Applicant requested to call on the Commissioners in reference to the same.

From Engineer-in-Chief—As to repairs required to piers and bulkheads on the North and East rivers, leased by the Department.

From T. Eldridge—For permission to place platform for landing ice at Forty-second street, East River.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From E. M. Van Tassel—For permission to dredge slip at Pier, old 39, North river, occupied by him. Permission granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Comptroller—To have tracings of certain wharf property used for ferry purposes furnished him. Secretary directed to have the tracings prepared and forwarded as requested.

From Comptroller—Approving sureties to contract of Thomas and Augustin Walsh, for repairing Pier 48, East river, under estimates publicly opened the 2d instant.

From Brewster and Company—In reference to repairs required to pier at Fifty-first street, North river.

From V. W. Macfarlane—For permission to insert a pipe through the bulkhead at or near Fourteenth street, North river, in order to obtain a supply of salt water for his premises, at Fourteenth street and Thirteenth avenue. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From W. W. Clarke, Baltimore—Offering to furnish the Department with cement. Secretary directed to request from him full particulars of the quality of cement referred to, and to state that if he desires to send at his own cost and expense a barrel of said cement to the Department yard, at Gansevoort street, North river, a test will be made of it by this Department, free of charge.

From Henry G. Creamer—For position as Watchman in the Department.

From Morris Wasel—Asking that a lease be granted to him of north half of Pier at Thirteenth street, and Piers at Twenty-sixth street and Ninety-sixth street, North river. Applicant informed that leases of such wharf property can only be made by this Department at public auction.

From Funch, Edye & Company—Agreeing to terms of resolution, whereby permission was granted to them for the erection of shed on Pier, new 54, North river.

From Scott & Company, lessees—Agreeing to remove dirt and refuse from Piers at Thirty-fourth and Thirty-fifth streets, North river.

From Warren Roosevelt—For permission to drive twelve fender piles at Pier 49, East river. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Charles H. Eldridge—In reference to the use of Pier at Fifty-third street, East river.

From Department of Public Works—To have cleats placed on bulkhead at Seventeenth street, East river, for use of tug boats while obtaining a supply of Croton water thereat. Engineer-in-Chief directed to do the work as requested.

From Thomas Little and from J. G. White—For the position as Master Dock builder, in the Department. Referred to Commissioner Laimbeer for examination and report.

From Engineer-in-Chief, as follows :

- 1st. Report, as to work performed during the week ending April 9, 1881.
- 2d. As to time of completion of Pier, new 54, North river, by John Gillies, contractor.
- 3d. In reference to dredging ordered to be done at Piers, 6, 7, 8, 12, 13, 14, and 15, East river.

4th. Report of the materials excavated and removed by the Union Dredging Company, in Department dredges and scows, during the months of January, February and March, 1881. Secretary directed to forward bill to said company for the amount due for use of said dredges and scows, with the request that they pay said amount to the Treasurer of this Department.

5th. Reporting the return of Department Pile Driver No. 9, loaned to Holmes Brothers. Secretary directed to forward bill to said Holmes Brothers, for the amount due for the use of said pile driver, with the request that they pay said amount to the Treasurer of this Department.

A communication was received from Joseph Potter and John Palmer, stone-cutters in the employ of this Department, for an increase of wages, and, being read,

On motion of Commissioner Laimbeer, the following resolution was adopted :

Resolved, That the pay of masons and stone-cutters in the employ of this Department, be and hereby is increased, on and after this date, from 30 cents to 35 cents per hour.

On motion, Thomas Moran and Patrick Ryan were appointed as Dock-builders, and Daniel Maguire as a laborer.

The Secretary stating that the right to collect and retain all wharfage, accruing at the following named piers and bulkheads, had been sold to the highest bidders therefor, as named below, at public sale held by James M. Oakley & Co., auctioneers, on 8th instant, pursuant to an adjournment on 29th ultimo, and for the terms and at the prices stated opposite each lot respectively, to wit :

*On North River.*

Lot 1. Bulkhead south of Pier 54, to Eugene G. Blackford, for three years from May 1, 1881, at \$6,500 per annum ; upset bid, \$6,500 per annum.

Lot 3. Pier north of Bloomfield street, to Felix Dougherty, for three years from May 1, 1881, at 1,000 per annum ; upset bid, \$1,000 per annum.

*On East River.*

Lot 5. Bulkhead at East Fourteenth street, to Daniel Dailey, for three years from May 1, 1881, at \$550 per annum ; upset bid, \$450 per annum.

Lot 7. Bulkhead at East Forty-second street, to Truman Eldridge, for one year from May 1, 1881, at \$300 per annum ; upset bid, \$275 per annum.

Lot 8. Bulkhead and stone dump at East Forty-ninth street, to John H. Benner, for one year from May 1, 1881, at \$300 per annum ; upset bid, \$300.

On motion, it was

Resolved, That the sale of the said right, at the said several lots of wharf property, upon the terms as reported by the Secretary, be and is hereby approved and confirmed, and the officers of the Board be and are hereby authorized and empowered to execute the necessary leases therefor, when prepared and approved as to form by the Counsel to the Corporation.

On motion, Daniel McGuire was appointed a laborer, and Thomas Moran and Patrick Ryar as Dock-builders.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held April 20, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 13th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table, to await action, as stated, to wit:

From Maine Steamship Company, lessee—To occupy Pier 38, East river, after May 1, next

From Police Department—To have dredging done at the various dumping boards occupied by it, with the exception of the one at Market street, East river. Engineer-in-Chief directed to examine and report the dredging required at the several dumping boards referred to.

From Atlas Steamship Company, with plans—In reference to proposed alterations of foundation of Pier, new 55, North river, for sustaining the shed to be erected by said company thereat Engineer-in-Chief directed to examine and report on the same.

From J. S. Johnson and others, importers of fruit and occupants of Pier 21, East river—To have the repairs to the pier deferred until 1st August next.

From Peter Charles—For permission to extend Pier 39, East river, at the outer end. Engineer in-Chief directed to examine and report as to the condition of the same.

From Decker and Rapp, lessees—To have repairs made and dredging done at piers at Jan street and Bethune street, North river.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit:

From William R. Grace, Mayor—In reference to resolution No. 199 of the Board of Aldermen, granting permission to Thomas Eldridge to erect scales at Forty-second street, East river

Secretary directed to advise in reply that the location where said scale is to be placed, referred to above, is presumed to be in the street, and consequently comes under the jurisdiction of the Commissioner of Public Works.

From Robert Murray—For permission to repair pier, between One Hundred and Nineteenth and One Hundred and Twentieth streets, Harlem river. Permission granted, the work to be done under the supervision of the Engineer-in-Chief of this Department, and within the lines of the present structure.

From Old Dominion Steamship Company—Requesting that their lease for Pier, new 26, North river, be prepared for execution. Referred to the Secretary.

From Joseph V. Brown, lessee—For permission to drive piles at Pier at Thirty-first street, East river. Application granted; the work to be done under the supervision of the Engineer-in-Chief of this Department.

From George N. Williams and Cornelius O'Reilly, Committee of Central Taxpayers' Association—In reference to an act now before the Legislature for establishing an exterior street on the East river, from Twenty-third street to Third avenue and Harlem river.

From Iron Steamboat Company—For permission to erect small building on the platform on the north side of ferry rack at Twenty-third street, North river. Application denied.

From Henderson Brothers, lessees—Asking that they be permitted, at their own cost and expense, to construct an additional gateway on south side of shed on Pier, new 46, North river. Application granted; the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Comptroller—Requesting to be informed if the right of way through or over the Corporation property in front of ferry premises between One Hundred and Thirtieth and One Hundred and Thirty-first streets, North river, to allow free access to said premises, will be secured to the purchaser of the lease to run a ferry from that point. Secretary directed to advise in reply that this Department will agree that the right of way over the Corporation property to the ferry premises referred to shall be secured to the purchaser in any form or manner which this Department has the power or right to convey.

From Frank A. Walsh—For permission to place a small tally-house upon Pier 3, East river: Permission granted; provided it shall be placed on wheels, and subject to the order of the Department at any time to remove the same.

From William Burnham—For position as Engineer on derrick "City of New York."

From Engineer-in-Chief—As to repairs necessary to bulkhead, south of Pier, old 34, foot of Harrison street, North river. Owners of said bulkhead notified and directed to repair the same forthwith, it being reported that a dangerous hole exists thereat.

The Auditing Committee presented an audit of twenty-nine bills or claims, amounting to the sum of \$63,892.79, and, being read, was,

On motion, accepted and adopted, and the Secretary directed to forward the said bills, together with proper requisitions for the amount, to the Finance Department for payment.

On motion, the Engineer-in-Chief was directed to prepare a list of old material on hand, together with such floating property as is not needed for the uses and purposes of the Department, in order that the same may be sold at public sale, and Secretary directed to arrange with James M. Oakley and Co., auctioneers, for the sale of said old material and floating property, at public auction, and to cause proper notices of the same to be inserted in the several newspapers designated by law.

A committee on behalf of persons having cargoes to land at the bulkhead between Sixty-first and Sixty-second streets, and at Pier at Sixty-second street, East river, appeared and were heard in reference to the obstructions upon said premises, preventing the free use of the same.

On motion of Commissioner Laimbeer, the following resolutions were unanimously adopted :

Resolved, That neither lumber, brick, sand, nor other material shall be permitted to be discharged at the bulkhead, between Sixtieth and Sixty-second streets, East river, except the same shall be at once carted away, or if not so removed, then be placed at a distance not less than thirty feet from the front of said bulkhead ; and that sand shall not be permitted to be discharged, landed or deposited upon the south side of the Pier at Sixty-second street, East river, and further that the Corporation Wharfinger for the district be and hereby is directed to strictly enforce compliance herewith and keep the aforesaid bulkhead and pier free from all obstructions.

Resolved, That M. J. Gallagher and Jeremiah Hogan, be and hereby are appointed temporarily to assist the Corporation Wharfinger of the district in carrying out the orders given for the clearing of the bulkhead between Sixty-first and Sixty-second streets, and Pier at Sixty-second street, East river, of obstructions, and of preventing the depositing of any materials at said bulkhead within thirty feet of the edge thereof, etc., and that the pay of said appointees be at the rate of \$2.50 per day.

The Committee of the full Board returned the following communications, which were referred to it for consideration, and recommended that the same be placed on file, action on the subjects to which they severally relate having already been taken by the Board, viz.:

From William P. Clyde and Company—Application for a lease of Pier, new 1, North river.

From William H. Thompson and Company, agents "Centaur Lane"—Application for lease of Pier, new 1, North river.

From Iron Steamboat Company, as follows :

1st. In reference to their application for lease of Pier, new 1, North river, dated January 12 1881.

2d. Withdrawing application for lease of Pier, new 1, North river, dated January 18, 1881.

3d. Application for a lease of Pier, new 1, North river, dated January 25, 1881.

From Rufus Hatch—Application for a lease of Pier, new 1, North river, dated January 25 1881.

On motion, the recommendation of the Committee was approved.



The following communications were,

On motion, taken from the table and placed on file.

From Greenpoint Ferry Company, as follows :

1st. Application for increased accommodations at Twenty-third street, East river.

2d. With plans of proposed ferry slip between Twenty-third and Twenty-fourth streets, East river.

3d. For a lease of bulkhead between Twenty-third and Twenty-fourth streets, East river.

From Department of Public Works—In reference to new ferry slip between Twenty-third and Twenty-fourth streets, East river.

From various Horse Railroad Companies—Application to have additional piers designated from which snow and ice may be dumped.

From Engineer-in-Chief, as follows :

1st. As to obstructions on bulkhead between Twenty-third and Twenty-fifth streets, North river.

2d. As to dredging required in slip between Twenty-third and Twenty-fourth streets, East river.

From Nineteenth Ward Taxpayers' Association—In reference to obstructions on bulkheads at Sixtieth and Sixty-second streets, East river.

From New York Life Insurance Company—In reference to lease of offices for Department of Docks.

From New York Manhattan Real Estate Association—In reference to rent of offices of the Department at No. 119 Duane street.

From George S. Thompson, as follows :

1st. Application to lease bulkhead at foot of Fifty-first street, East river.

2d. Application to lease bulkhead at foot of Forty-ninth street, East river.

From Iron Steamboat Company—In reference to lease of pier, new 1, North river, for a term of years.

From Z. S. Oppenheimer and others—In reference to obstructions on piers at Fifty-third and Fifty-fourth streets, East river.

The communication of the Engineer-in-Chief of this Department, dated April, 7th instant, in reference to the repairs required to certain piers and bulkheads on the North and East rivers, was,

On motion, taken from the table and placed on file, and the following resolution adopted :

Resolved, That the Engineer-in-Chief be and hereby is directed to repair, in accordance with his recommendation, the following piers and bulkheads :

*On North River.*

|   |          |
|---|----------|
| Pier 22, south half and bulkhead adjoining, at a cost of about.....     | \$700 00 |
| Pier, new 46, repairing shed and painting same, at a cost of about..... | 800 00   |
| Pier, new 46, and approach thereto, at a cost of about.....             | 550 00   |

|   |          |
|---|----------|
| Pier at Bethune street, at a cost of about .....                          | \$350 00 |
| Pier at Jane street, at a cost of about .....                             | 150 00   |
| Pier at Horatio street, at a cost of about .....                          | 500 00   |
| Pier north of Bloomfield street, at a cost of about .....                 | 650 00   |
| Pier at Little Twelfth street, at a cost of about .....                   | 400 00   |
| Bulkhead south of Pier 54, at a cost of about .....                       | 600 00   |
| Bulkhead north of Pier at Gansevoort street, at a cost of about .....     | 100 00   |
| Bulkhead south of Pier at Little Twelfth street, at a cost of about ..... | 15 00    |
| Bulkhead at Fourteenth street, at a cost of about .....                   | 350 00   |
| Pier at Fifteenth street, " " .....                                       | 400 00   |
| Pier at Sixteenth street, " " .....                                       | 500 00   |
| Pier at Thirty-fifth street, " " .....                                    | 700 00   |
| Pier at Fifty-first street, " " .....                                     | 800 00   |
| Pier at Fifty-seventh street, " " .....                                   | 750 00   |
| Pier at Ninety-sixth street, " " .....                                    | 250 00   |
| Pier at One Hundred and Thirty-first street, at a cost of about .....     | 800 00   |
| Pier at One Hundred and Fifty-second street, " " .....                    | 125 00   |

*On East River.*

|   |          |
|---|----------|
| Pier 7, at a cost of about .....  | \$300 00 |
| Pier 8, " " .....   | 750 00   |
| Pier 19, " " .....  | 800 00   |
| Pier 24, east half, at a cost of about .....                            | 650 00   |
| Pier 43, at a cost of about .....                                       | 700 00   |
| Bulkhead and platform between Piers 18 and 19, at a cost of about ..... | 150 00   |
| Bulkhead at Fourteenth street, at a cost of about .....                 | 36 00    |
| Bulkhead at Fifteenth street, " " .....                                 | 30 00    |
| Bulkhead at Sixteenth street, " " .....                                 | 50 00    |
| Bulkhead at Eighteenth street, " " .....                                | 5 00     |
| Pier at Twenty-eighth street, " " .....                                 | 650 00   |
| Bulkhead at Twenty-ninth street, " " .....                              | 25 00    |
| Bulkhead at Thirtieth street, " " .....                                 | 750 00   |
| Pier at Thirty-second street, " " .....                                 | 5 00     |
| Pier at Thirty-third street, " " .....                                  | 800 00   |
| Pier at Thirty-seventh street, " " .....                                | 300 00   |
| Pier at Thirty-eighth street, " " .....                                 | 175 00   |
| Bulkhead at Forty-eighth street, " " .....                              | 150 00   |
| Bulkhead and stone dump at Forty-ninth street, at a cost of about ..... | 100 00   |
| Pier at Seventy-ninth street, at a cost of about .....                  | 500 00   |
| Pier at Eighty-sixth street, " " .....                                  | 200 00   |
| Bulkhead at Ninety-third street, " " .....                              | 300 00   |
| Pier at One Hundred and Seventeenth street, at a cost of about .....    | 300 00   |

And also to prepare form of contract and specifications to repair, by contract, the following piers :

*On North River.*

|  |          |
|--|----------|
| Pier at Thirty-fourth street, at a cost of about.....                | \$950 00 |
| Pier at One Hundred and Twenty-ninth street, at a cost of about..... | 950 00   |
| Pier at One Hundred and Thirty-eighth street,       “       “ .....  | 900 00   |

*On East River.*

|   |          |
|---|----------|
| Pier 33, east half, and Pier 34, west half, and bulkhead between, at a cost of about..... | \$900 00 |
| Pier 61, and fifty-five feet of bulkhead northerly, at a cost of about.....               | 900 00   |

A communication was received from the Engineer-in-Chief of this Department, dated 20th April, instant, in reference to the repairs required to certain piers and bulkheads on the North and East rivers, costing over \$1,000; and, being read, was,

On motion, laid on the table for further consideration by the Board.

On motion, Thomas F. Meagher, was appointed Chainman, Michael Hughes, as a Dock-builder, and Terence Reilly, as a laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held April 22, 1881.

Present—Commissioners Vanderpoel and Laimbeer, and the Comptroller of the City.

Absent—Commissioner Dimock.

On motion, Commissioner Vanderpoel took the chair.

Three estimates were received for furnishing labor and material for building new wooden pier at foot of West Fifty-eighth street, North river, as follows, to wit :

|   |             |
|---|-------------|
| No. 1. From P.S. Ross, for.....         | \$18,500 00 |
| No. 2. From Joseph Walsh, for.....      | 17,300 00   |
| No. 3. From John W. Flaherty, for ..... | 17,999 00   |

—and, being read, were

On motion, laid on the table for examination.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held April 25, 1881.

Present, Commissioners Vanderpoel and Laimbeer.

Absent, Commissioner Dimock.

On motion of Commissioner Laimbeer, Commissioner Vanderpoel took the chair.

An application was received from Thomas and Augustin Walsh, for the substitution of Michae Kane in place of Thomas Pearson, as surety, under contract for repairing Pier 48, and the adjoining bulkhead, East river, awarded to them on the 6th instant, and, being read,

On motion, it was

Resolved, That in compliance with the requirements of section 27 of chapter VIII. of the Revised Ordinances of the City of New York, consent is hereby given to the substitution of Michae Kane in place of Thomas Pearson, as surety to the contract awarded under this estimate for repairing Pier 48, and the adjoining bulkhead, East river.

A communication was received from the Comptroller advising that Joseph Walsh is not in default or arrears to the Corporation, and, being read,

On motion, the estimates received and publicly opened the 22d instant, for building new wooden pier at the foot of West Fifty-eighth street, North river, were taken from the table and placed on file, and the following resolution adopted :

Resolved, That the contract for building Pier at Fifty-eighth street, North river, be and is hereby awarded to Joseph Walsh, of 114 Wall street, his bid for doing said work being the lowest under estimates publicly opened the 22d instant, and the Comptroller having advised, in writing, the 23d instant, that said party is not in default or arrears to the Corporation.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a meeting of the Board of Docks, held April 27, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

The minutes of the meeting held the 20th instant were read and approved.

The following communications were received, read, and,

On motion, laid on the table, to await action, as stated, to wit :

From George W. Bush—For permission to erect a derrick on the bulkhead between Piers, new 39 and new 40, North river. Applicant requested to call on the Commissioners in reference to the same.

From Engineer-in-Chief—As to the condition of ferry premises at Barclay street, North river. W. W. Shippen requested to call on the Commissioners in reference to his application to make certain improvements at said premises.

From Crawford Maxwell—For permission to insert a drain pipe through the bulkhead at Jackson street, East river. Applicant requested to call on the Commissioners in reference to the same.

The following communications were received, read, and,

On motion, placed on file, action being taken where necessary, as stated, to wit :

From Joseph Walsh—Accepting award of contract for building Pier at the foot of Fifty-eighth street, North river, under estimates publicly opened the 22d instant.

From Department of Public Works—To have cleats placed on the bulkhead at Rivington street, East river, for use of tug boats while taking a supply of Croton water thereat. Engineer-in-Chief directed to do the work in accordance with said request.

From John A. Bouker—For permission to do dredging at the dumping-board at bulkhead near Jackson street, East river, so as to secure a depth of eight feet at mean low water, and also to drive four spring piles thereat. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Counsel to the Corporation, asking for certain information in reference to the rental of wharf property on the East river, in the vicinity of Piers 30 and 31, from 1871 to 1877. Secretary directed to obtain the necessary information and forward it to said Department.

From John J. Lawrence and others, remonstrating against the use of pier at Thirty-second street, East river, as a steamboat landing.

From Department of Public Works—In reference to repairs required to the bulkhead between Piers, old 34 and 35, North river. Owners of said bulkhead notified and directed to repair the same without delay, under the supervision of the Engineer-in-Chief of this Department.

From Holmes Brothers, contractors for building Pier, new 55, North river—Asking that Pile-driver No. 6, belonging to the Department, be loaned to them. Referred to the Engineer-in-Chief to comply with their request, when the pile-driver can be spared by the Department, said contractors to pay for the use thereof at the rate of \$10 per day.

From Charles H. Longstreet—For permission to retain the pier erected near High Bridge, Harlem river, and claimed as private property. Applicant informed that this Department declines to grant the permission asked for. Engineer-in-Chief directed to examine and report the condition of said premises.

From Citizen's Steamboat Company, lessee, by assignment, of Pier new 44, North river—For permission to cut three gangways on the north side thereof. Application granted, the work to be done under the supervision of the Engineer-in-Chief of this Department.

From Common Council—Resolution adopted, requesting that the several Departments increase the wages of mechanics and laborers in their employ, to conform with the wages paid for like services by employers in the leading branches of business in the city.

From Comptroller—Approving of Michael Kane as surety on contract of T. & A. Walsh, for repairing Pier 48, East river, and the adjoining bulkhead.

From Daniel Daily, lessee of bulkhead at Fourteenth street, East river—To have dirt and refuse removed therefrom. Police Department requested to cause said refuse to be removed with as little delay as possible, a large quantity of it being so near the bulkhead as to prevent the free use of the premises for commercial purposes.

From Daniel Daily, lessee of bulkhead at Fourteenth street, East river, to have dredging done thereat. Engineer-in-Chief directed to make requisition for the necessary dredge, scows and labor, to excavate and remove about 1,000 cubic yards of material from said bulkhead.

From Engineer-in-Chief, as follows :

1st. Inclosing resignation of Charles F. Carpenter, Leveler in the Department. Resignation accepted.

2d. Reporting that he had suspended Michael Gregory, day watchman, for neglect of duty. Action approved and the said watchman discharged.

3d. Reports as to work performed during weeks ending April 16 and 23, 1881.

A communication was received from the Engineer-in-Chief, as to the time limited in the contract for the completion of Pier, new 36, North river, and, being read,

On motion, the application of Ross & Sanford, contractors, in reference to the same, was taken from the table and placed on file, and the following resolution adopted :

Resolved, That this Board hereby certify to the Comptroller, that the failure of Ross & Sanford to fully complete and perform, within the time stipulated therefor, the work to be done under their contract for building Pier, new 36, North river, dated July 24, 1880. and expired February 25, 1881, was caused by the large quantity of ice surrounding the premises almost continually during the past season, rendering it a physical impossibility to progress with the work as rapidly as required by the contract ; and further, that the extreme severity of the weather this winter would have rendered, under the circumstances, any construction-work done very detrimental to the stability and lasting qualities of the pier.

On motion, the communication of A. M. C. Smith for permission to use Pier at Thirty second street, East river, as a landing for passenger steamboats, was taken from the table and referred to the Treasurer.

On motion, it was

Resolved, That John G. Dale, agent, Inman Steamship Company (limited), lessee of Pier, new 36, North river, be and hereby is informed that the rent of said pier is to commence from the 1st of May next.

A communication was received from the Engineer-in-Chief as to the dredging required at certain piers and bulkheads on the North and East rivers, leased by the Department, and, being read

On motion, the following resolution was adopted :

Resolved, That the Engineer-in-Chief be and hereby is directed to make requisition for th

necessary dredge, scows and labor, to excavate and remove, in accordance with his communication of the 26th instant, from the following premises :

*On North River.*

Pier at Bethune street, about 1 200 cubic yards of material.

Pier at Jane street, about 1,000 cubic yards of material.

Pier at Horatio street, about 1,400 cubic yards of material.

Pier at One Hundred and Fifty-second street, about 1,450 cubic yards of material.

Bulkhead extension, at One Hundred and Thirtieth street, about 1,900 cubic yards of material.

*On East River.*

Pier 8, west half, and bulkhead westerly, about 2,000 cubic yards of material.

Platform between Piers 18 and 19, about 850 yards of material.

Pier 33, east half, Pier 34, west half, and bulkhead, about 1,300 yards of material.

Pier 43, about 850 yards of material.

Pier 44 and bulkhead westerly, about 1,550 cubic yards of material.

Bulkhead at Fourteenth street, about 1,000 cubic yards of material.

Pier at Thirty-third street, about 1,600 cubic yards of material.

Pier at Thirty-seventh street, about 600 cubic yards of material.

Pier at Thirty-eighth street, about 550 cubic yards of material.

And to prepare form of contract and specifications to dredge by contract, in accordance with his communication of 26th instant, from the following premises :

*On North River.*

Bulkhead south of Pier 54, about 12,200 cubic yards of material.

Pier at Little Twelfth street, about 2,600 cubic yards of material.

Pier at Sixteenth street, about 3,200 cubic yards of material.

Pier at Thirty-fourth street, about 3,100 cubic yards of material.

Pier at Thirty-fifth street, about 3,300 cubic yards of material.

Pier at Fortieth street, about 7,100 cubic yards of material.

Pier at Fifty-fifth street, about 5,300 cubic yards of material.

Pier at Fifty-seventh street, about 4,000 cubic yards of material.

Pier at One Hundred and Twenty-ninth street, about 3,300 cubic yards of material.

Pier at One Hundred and Thirty-first street, about 5,300 cubic yards of material.

*On East River.*

Pier 7, about 3,600 cubic yards of material.

Pier 24, east half, and half bulkhead, about 2,700 cubic yards of material.

Pier 25, west half, and half bulkhead, about 3,800 cubic yards of material.

Pier at Seventy-ninth street, about 2,300 cubic yards of material.

A communication was received from the Engineer-in-Chief submitting a list of old material and floating property belonging to the Department to be disposed of at public sale, and, being read,

On motion, the Secretary was directed to arrange for the sale of the said old material, etc., pursuant to the action of the Board on the 20th instant.

On motion, it was

Resolved, That William A. Dawson be and hereby is appointed as leveler in the Department, with compensation at the rate of \$75 per month, to take effect from and after the 1st proximo.

On motion of Commissioner Laimbeer, the Engineer-in-Chief was directed to furnish to the Board a list as to any additional force of Draughtsmen, Engineers, etc., in his Department.

On motion, the Engineer-in-Chief was directed to construct a temporary roadway as an approach to Pier, new 36, North river, and to maintain the same in serviceable condition.

On motion of Commissioner Vanderpoel, the following resolution was adopted :

Resolved, That cash receipts from all sources, deposits with the Chamberlain, and contingent fund disbursements should be entered on our books on the day of the transaction ; that a statement of the amount of cash on hand called for by the books be made each day, showing also the amount in checks and the amount in currency, and filed with the Treasurer ; that the cash book should be made to show in what shape each receipt of money was received, whether by check or in currency, or both.

On motion, it was

Resolved, That the Engineer-in-Chief be and is hereby authorized and directed to place the name of William H. Rose, Engineer of the ten-ton Derrick, upon the next time-list, for the following days, March 3, 4 and 5, and April 11, 12 and 13, 1881, he having been prevented from attending to his duties during those days and intervening time, by reason of sickness.

On motion, the following resolutions were adopted :

Resolved, That under the powers vested in this Board by subdivision 6 of section 6, chapter 574, Laws of 1871, Pier, new 26, North river, be and is hereby appropriated to the sole use of the special kind of commerce carried on in steamships for southern coastwise commerce, subject to the terms stipulated under resolution adopted by this Board on August 14, 1878, and that the officers of this Board be and are hereby authorized and empowered to execute the said lease, when approved as to form by the Counsel to the Corporation.

Resolved. That under the powers vested in this Board by subdivision 6, of section 6, chapter 574, Laws of 1871, Pier, new 36, North river, be and is hereby appropriated to the sole use of the special kind of commerce carried on in steamships between Europe and this port, and that the Counsel to the Corporation be and is hereby directed to prepare in proper form a lease in triplicate for said pier to the Inman Steamship Company (Limited), for a term of ten years from May 1, 1881, subject to the terms stipulated under resolution adopted by this Board on November 20, 1879, and that the officers of this Board be and are hereby authorized and empowered to execute the said lease, when approved as to form by said Counsel to the Corporation.



The Board here went into executive session.

A communication was received from William R. Grace, Mayor, in relation to the provisions of Assembly Bill, No. 588, entitled an act relative to rights of wharfage and cranage in the City of New York, and to provide for compensation for injury thereto, or destruction thereof, and recommending that a remonstrance against the passage of the bill should be sent to the Legislature, for the reason that the matters to which it relates are now pending before the courts, and, being read,

On motion, the Secretary was directed to prepare and forward to the Legislature a remonstrance against the passage of the bill, in compliance with the recommendation of the Mayor.

A communication was received from the Counsel to the Corporation, under date 23d instant, relative to the claims for unpaid rent placed in his hands for collection, advising that certain judgments had been taken, amounting, including interest and costs, to the sum of \$78,614.94, and requesting further information relative to certain other claims upon which no action has yet been had, and, being read,

On motion, the Chief Clerk was directed to give the requisite credit to the Counsel to the Corporation for the amount of judgment obtained, and to furnish such information as may be necessary, and can be obtained from the Department records, to enable the immediate prosecution of such other claims.

Commissioner Laimbeer moved for adoption the following resolution :

Resolved, That Matthew J. Brennan, Assistant Draughtsman, be and hereby is discharged the service of the Department, to take effect from and after April 30th, instant.

The ayes and noes being called for and taken on the resolution, it was adopted by the following vote :

Ayes—Commissioners Laimbeer and Dimock.

No—Commissioner Vanderpoel.

On motion, William Mackey was appointed a laborer.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

At a special meeting of the Board of Docks, held April 29, 1881.

Present—The full Board.

On motion, Commissioner Dimock took the chair.

An application was received from John H. Starin, asking that the consent of the Department be given to the assignment to him from the Cunard Steamship Company (Limited), of the lease granted them under resolution adopted by this Board, on September 15, 1880, of Pier, new 41 North river, and, being read,

Commissioner Laimbeer moved for adoption the following preamble and resolutions:

Whereas, the Cunard Steamship Company (Limited) have sold, assigned, and set over unto John H. Starin, subject to the approval of the Department of Docks, all their right, title, and interest in and to Pier, new 41, North river, and all their rights in any manner arising under and by virtue of the resolution of the Department of Docks of September 15, 1880, and have requested this Board, in writing, to substitute in their place and stead the said John H. Starin, under the terms of said resolution; be it therefore

Resolved, That the Board governing the Department of Docks, hereby gives its consent to and approval of such transfer, and agrees to make such substitution; and, in accordance therewith,

Resolved further, That this Department will appropriate the said Pier, new 41, to the sole use of the special kind of commerce carried on by steam transportation.

Resolved, That John H. Starin be and is hereby informed, that this Department will grant to him a lease for a term of ten years of Pier, new 41, North river, now being built, as soon as it shall be wholly constructed and completed by the Department, in conformity with the new plan adopted for the improvement of that section of the water front, at an annual rent of \$30,000 payable quarterly in advance, and will agree in said lease to give to the said lessee a covenant of renewal for a further term of ten years, at an annual rent of \$30,500, provided that he shall, within five days after receipt hereof, file in this office a written acceptance of the terms hereof, and agree to execute a lease for the said new pier upon its completion, containing the usual covenants and conditions and in conformity with the terms herein set forth.

On motion, the Board adjourned.

EUGENE T. LYNCH, Secretary.

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the 1990s, the number of people in the world who are undernourished has increased from 600 million to 800 million. The number of people who are malnourished has increased from 1.2 billion to 1.5 billion. The number of people who are obese has increased from 100 million to 300 million.

There are a number of reasons for this. One is that the world population has increased from 5 billion to 6 billion. Another is that the world population is becoming more urban. A third is that the world population is becoming more affluent. A fourth is that the world population is becoming more mobile. A fifth is that the world population is becoming more educated.

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the 1990s, the number of people in the world who are obese has increased by 100% (World Health Organization 1997).

Obesity is a complex condition, with many causes. It is a result of an imbalance between energy intake and energy expenditure. The energy intake is determined by the amount of food and drink consumed, and the energy expenditure is determined by the amount of physical activity. The balance between these two factors is what determines whether a person is overweight or obese. There are many factors that can influence this balance, including genetics, environment, and lifestyle. In this paper, we will discuss the causes of obesity and the role of physical activity in preventing and treating it.

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